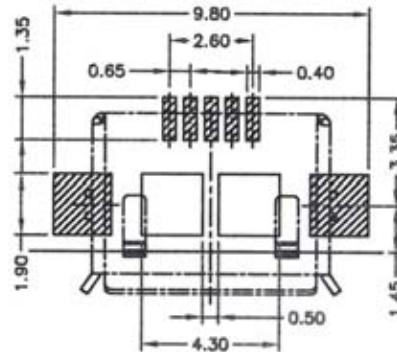
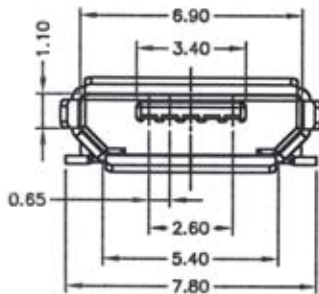
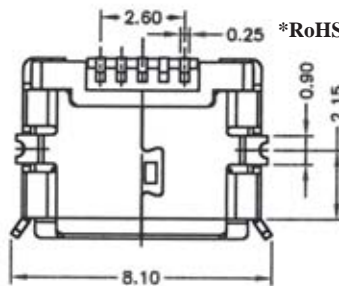
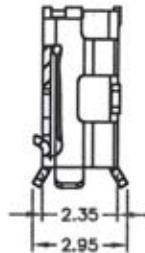
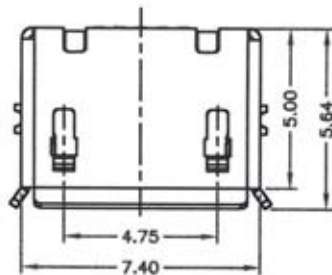
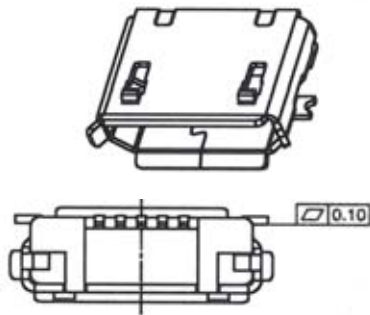


MICRO USB B TYPE 5 PIN FEMALE CONNECTOR SMT TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.

ORDERING INFORMATION:

P/N UR14-05FBxx-R
1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

"01" GOLD FLASH

"05" 5 MICROINCH GOLD

"10" 10 MICROINCH GOLD

"15" 15 MICROINCH GOLD

"30" 30 MICROINCH GOLD

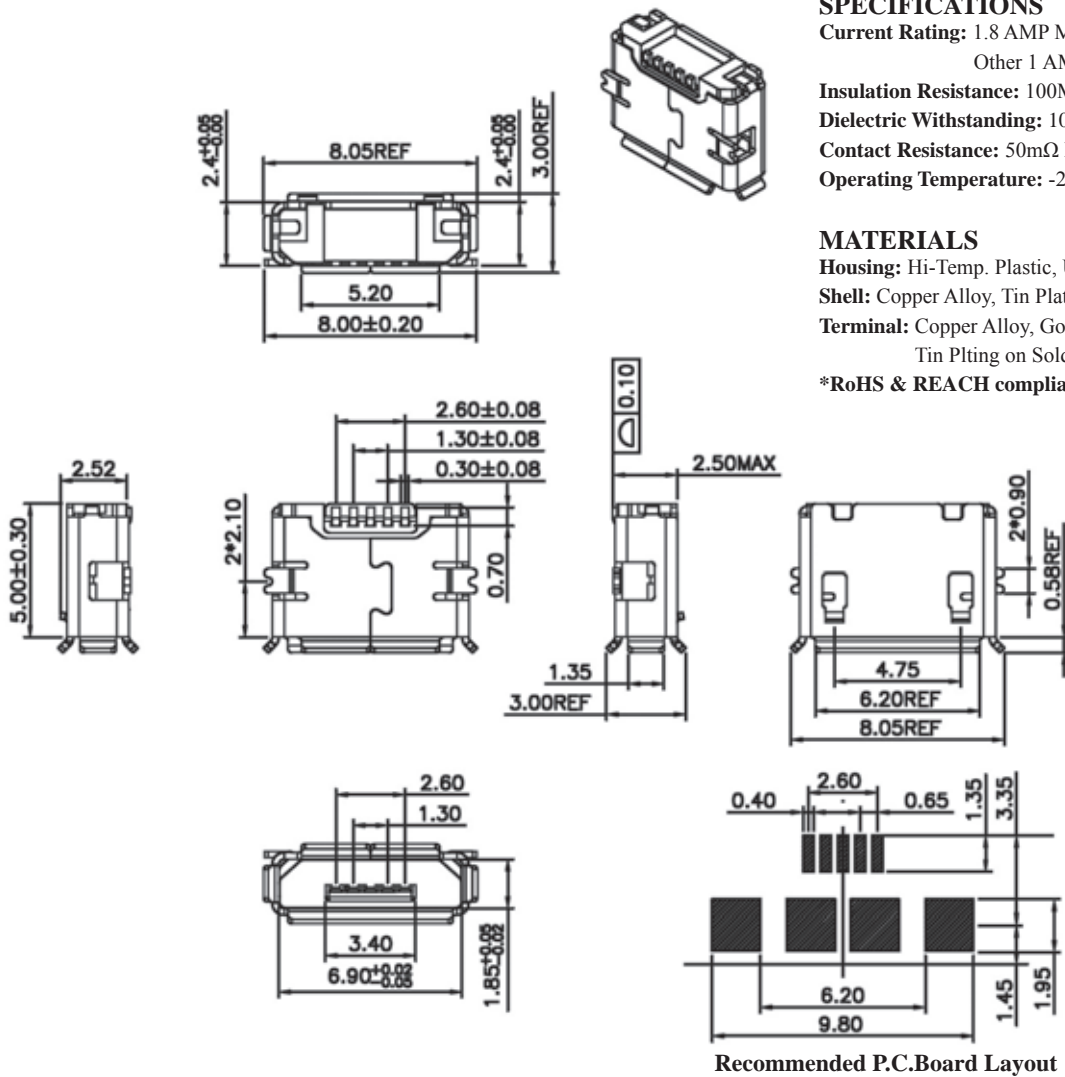
5. PACKAGE TYPE:

"R" TAPE & REEL

DRAWING REVISED

P/N REVISED

MICRO USB AB TYPE 5 PIN FEMALE CONNECTOR SMT TYPE



SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)
Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area
Tin Plating on Solder Tail

*RoHS & REACH compliant.

ORDERING INFORMATION:

P/N U R 1 0 - 0 5 F B x x - R
1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

"03" 3 MICROINCH GOLD

"05" 5 MICROINCH GOLD

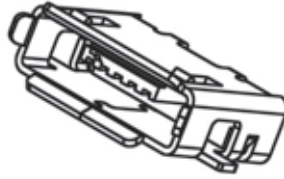
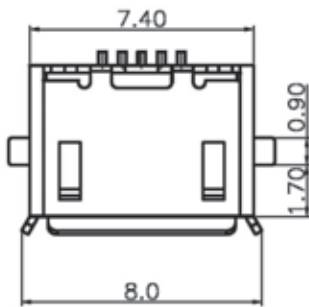
"15" 15 MICROINCH GOLD

"30" 30 MICROINCH GOLD

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB AB TYPE 5 PIN FEMALE CONNECTOR SMT TYPE



SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

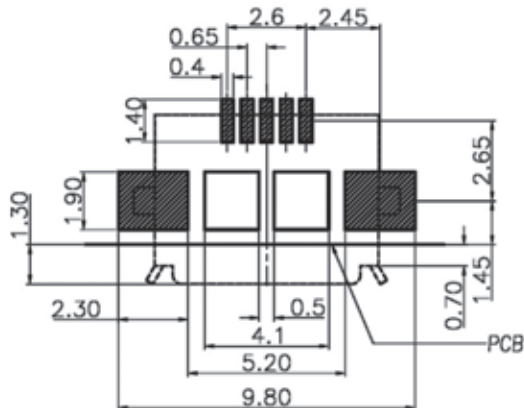
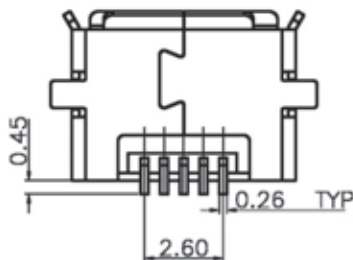
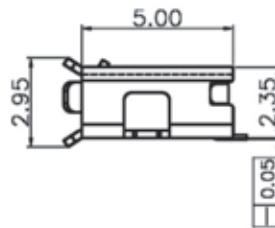
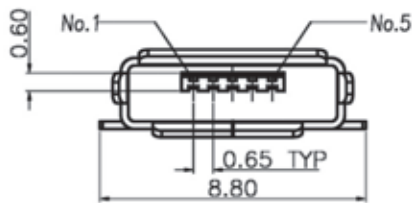
Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N U R 1 2 - 0 5 F B x x - R
1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

"10" 10 MICROINCH GOLD

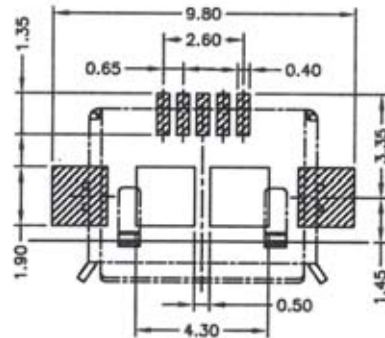
"15" 15 MICROINCH GOLD

"30" 30 MICROINCH GOLD

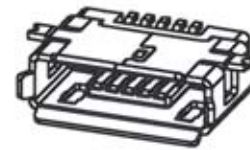
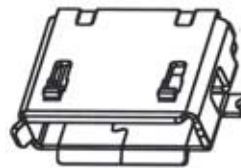
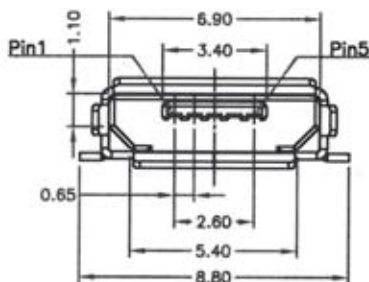
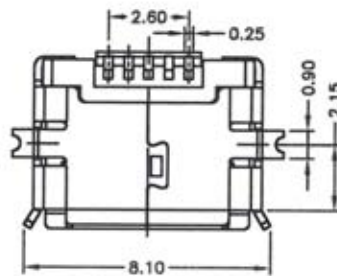
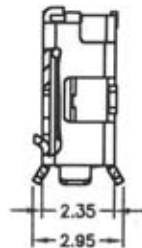
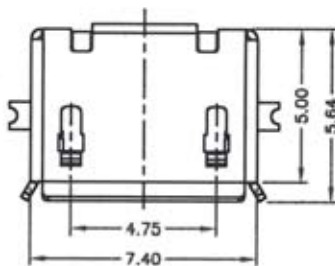
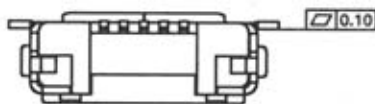
5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB AB TYPE 5 PIN FEMALE CONNECTOR SMT TYPE



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.

ORDERING INFORMATION:

P/N UR18-05FBxx-R
 $\frac{1}{1} \frac{2}{2} \frac{3}{3} \frac{4}{4} \frac{5}{5}$

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

"01" GOLD FLASH

"05" 5 MICROINCH GOLD

"10" 10 MICROINCH GOLD

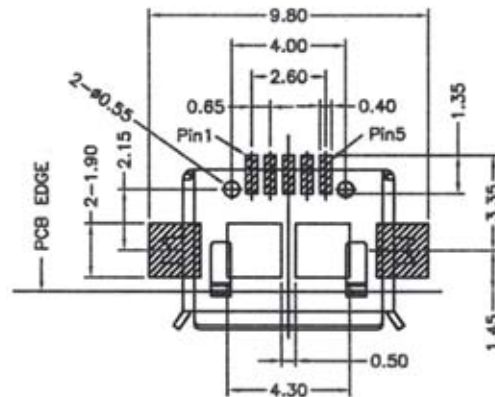
"15" 15 MICROINCH GOLD

"30" 30 MICROINCH GOLD

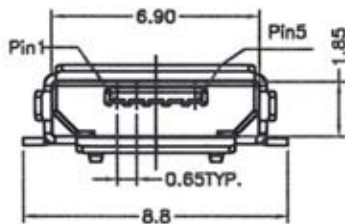
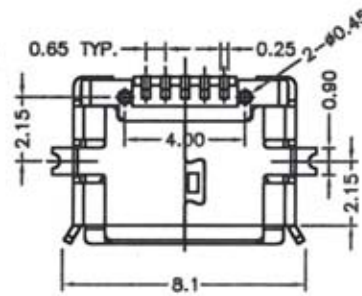
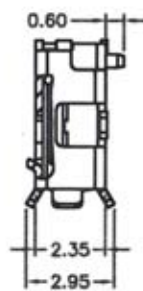
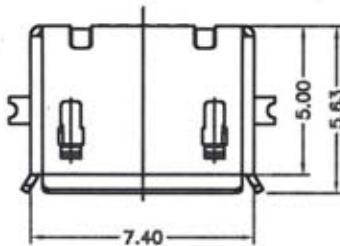
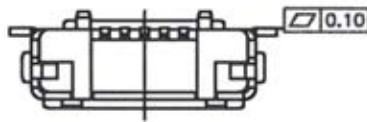
5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB AB TYPE 5 PIN FEMALE CONNECTOR SMT TYPE WITH POSTS



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.

ORDERING INFORMATION:

P/N U R 1 9 - 0 5 F B x x - R
 1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

"01" GOLD FLASH

"05" 5 MICROINCH GOLD

"10" 10 MICROINCH GOLD

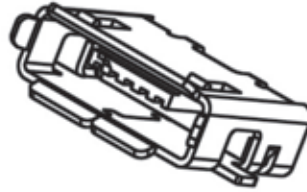
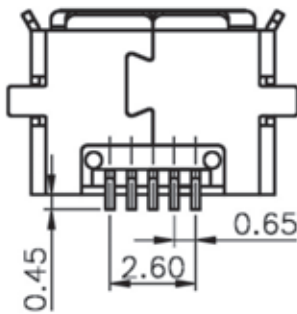
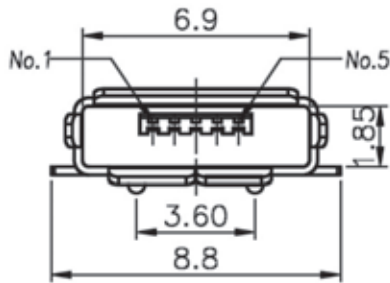
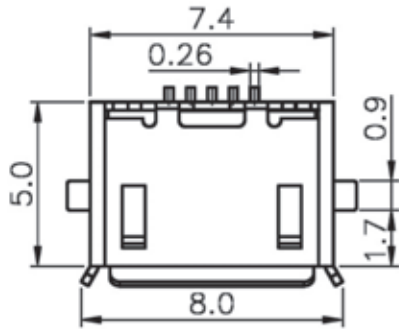
"15" 15 MICROINCH GOLD

"30" 30 MICROINCH GOLD

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB AB TYPE 5 PIN FEMALE CONNECTOR SMT TYPE



SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

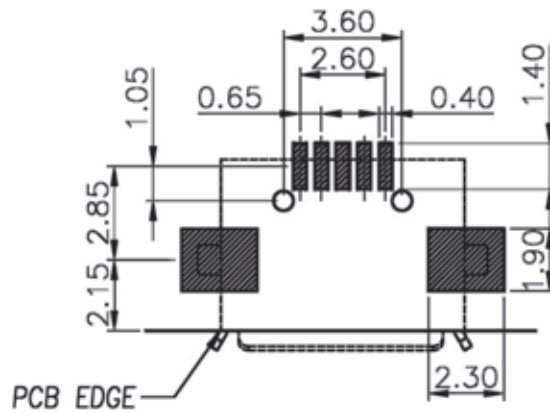
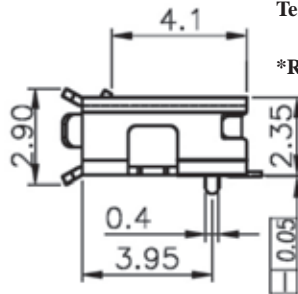
Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N U R 3 8 - 0 5 F B x x - R
1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

"10" 10 MICROINCH GOLD

"15" 15 MICROINCH GOLD

"30" 30 MICROINCH GOLD

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB AB TYPE 5 PIN FEMALE CONNECTOR SMT TYPE WITH POSTS

SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

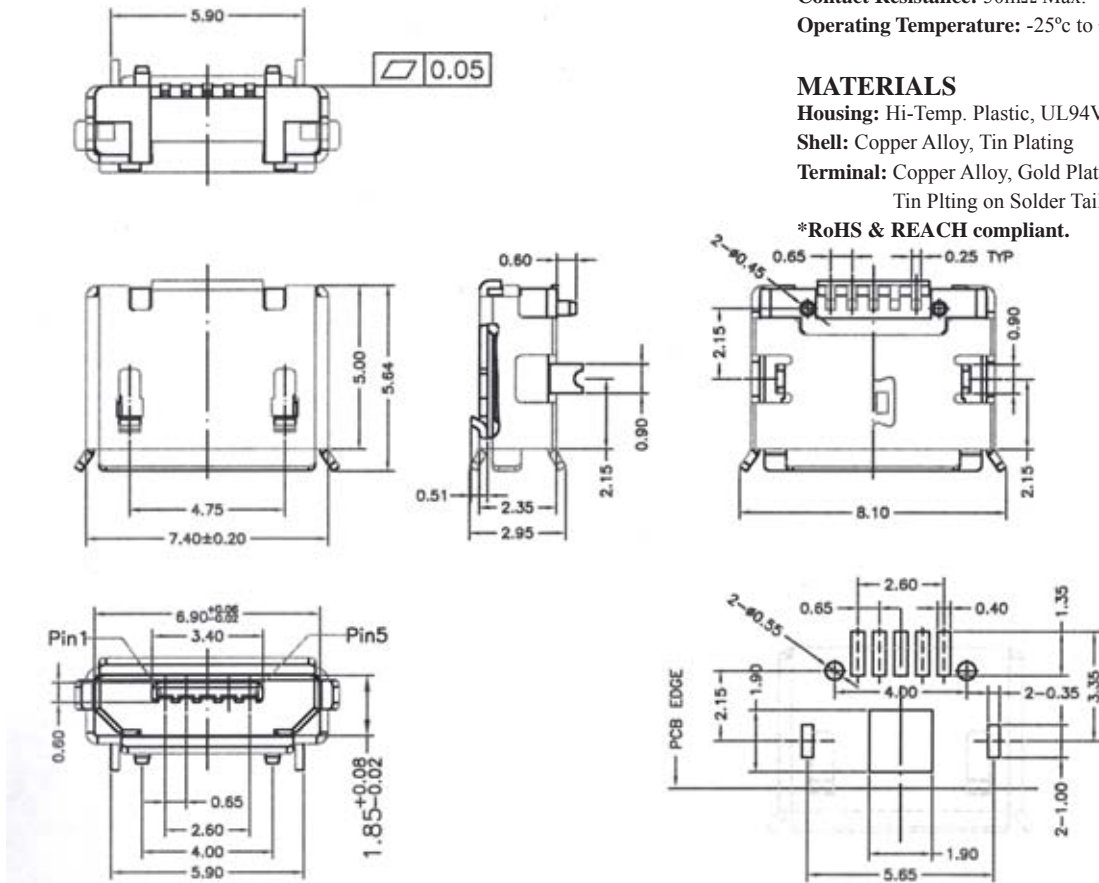
MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area
Tin Plating on Solder Tail

***RoHS & REACH compliant.**



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N U R 2 0 - 0 5 F B x x - R
1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

"01" GOLD FLASH

"05" 5 MICROINCH GOLD

"10" 10 MICROINCH GOLD

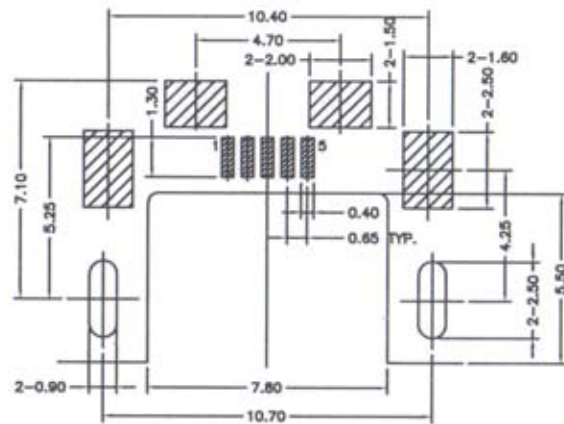
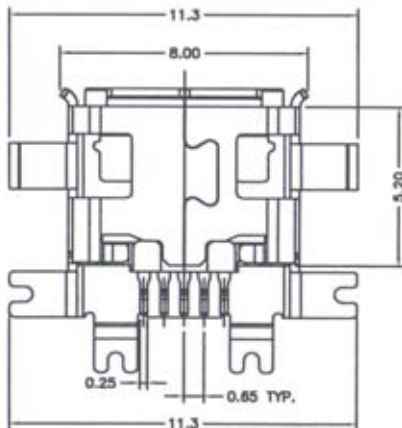
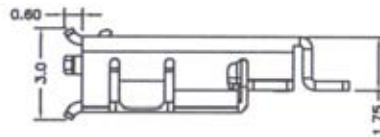
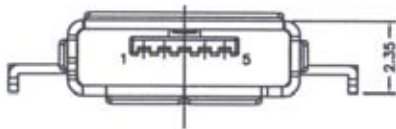
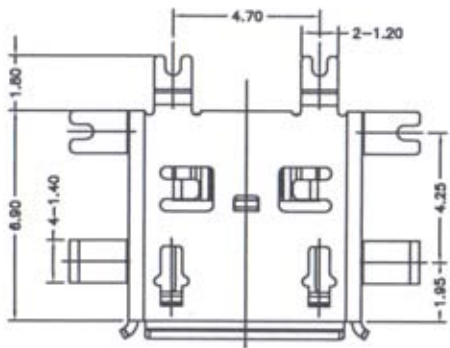
"15" 15 MICROINCH GOLD

"30" 30 MICROINCH GOLD

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB AB TYPE 5 PIN FEMALE CONNECTOR BOARD CUT SMT TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.

ORDERING INFORMATION:

P/N U R 2 6 - 0 5 F B x x - x
1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

"01" GOLD FLASH

"05" 5 MICROINCH GOLD

"10" 10 MICROINCH GOLD

"15" 15 MICROINCH GOLD

"30" 30 MICROINCH GOLD

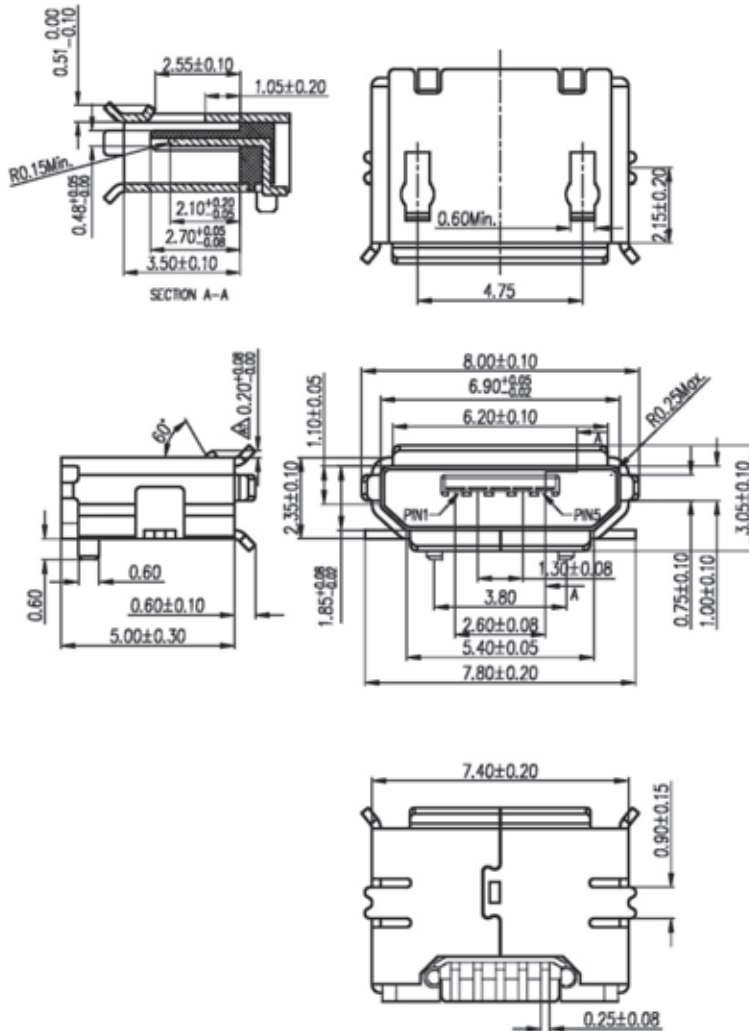
5. PACKAGE TYPE:

"R" TAPE & REEL

"T" TUBE

"0" BULK PACKAGE

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR SMT TYPE



SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.

ORDERING INFORMATION:

P/N U R 0 6 - 0 5 F B x x - R
1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

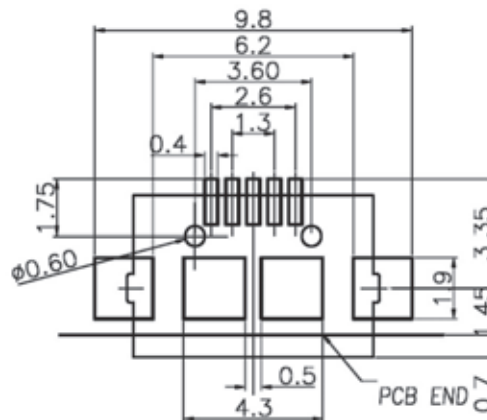
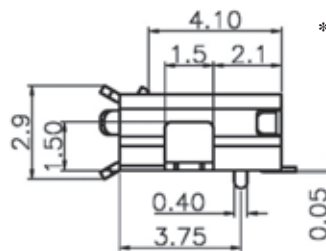
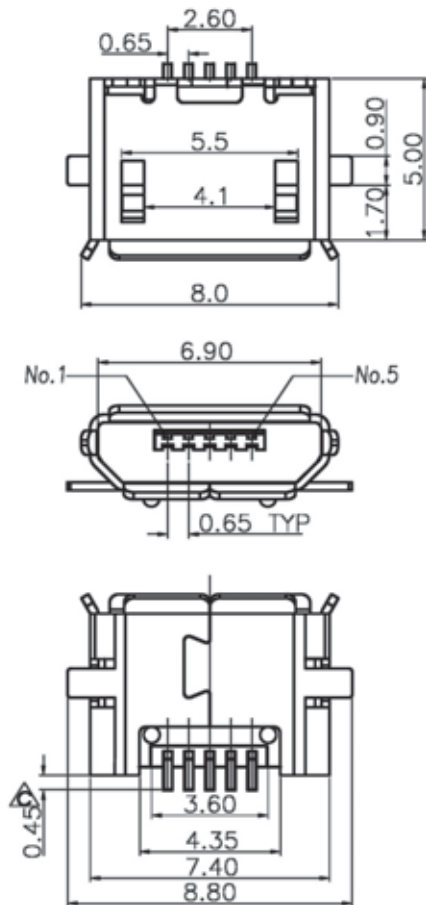
4. CONTACT FINISH:

"30" 30 MICROINCH GOLD

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR SMT TYPE WITH POSTS



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)
Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area
Tin Plating on Solder Tail

*RoHS & REACH compliant.

ORDERING INFORMATION:

P/N U R 0 8 - 0 5 F B x x - R
1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

"10" 10 MICROINCH GOLD

"15" 15 MICROINCH GOLD

"30" 30 MICROINCH GOLD

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR SMT TYPE

SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)
Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

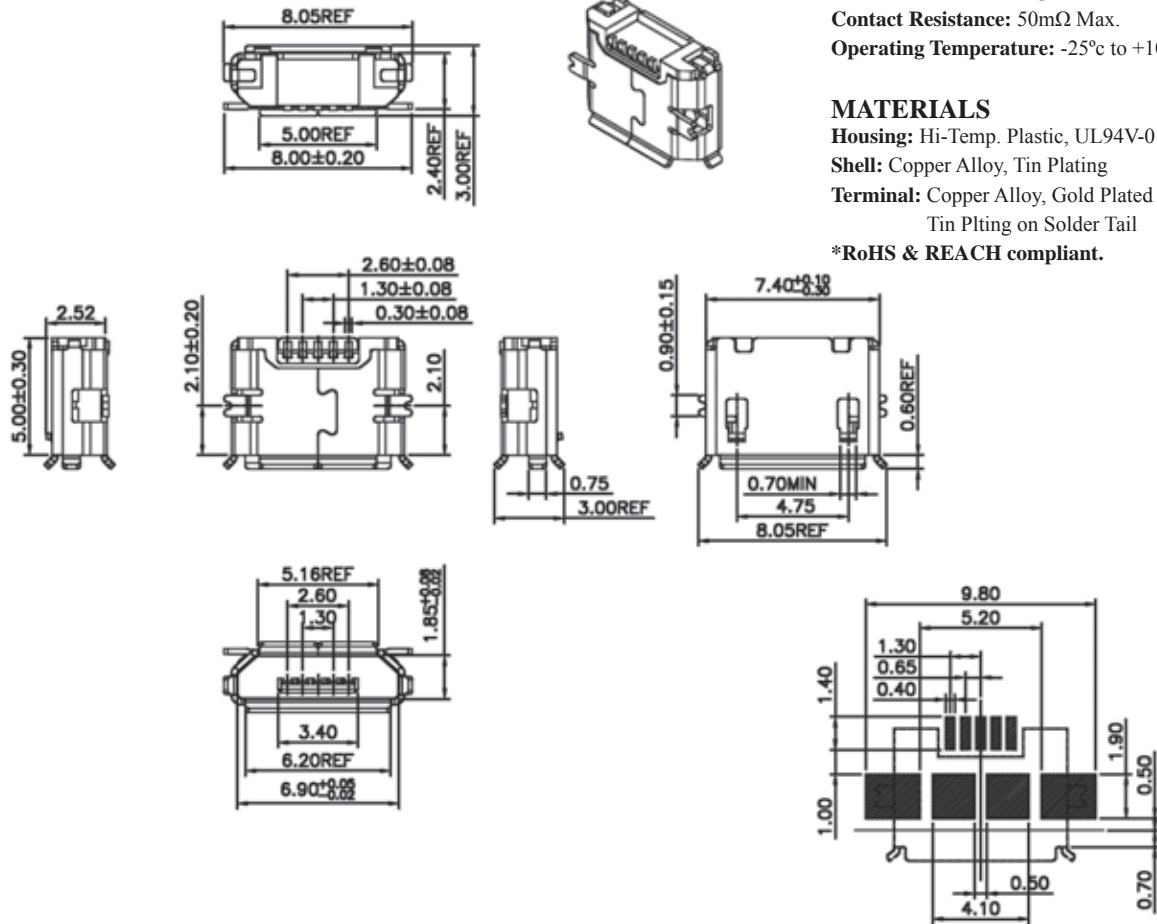
MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area
Tin Plating on Solder Tail

*RoHS & REACH compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N U R 0 9 - 0 5 F B x x - R
1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

"03" 3 MICROINCH GOLD

"05" 5 MICROINCH GOLD

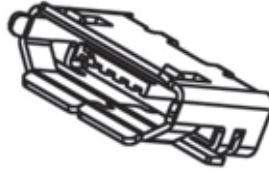
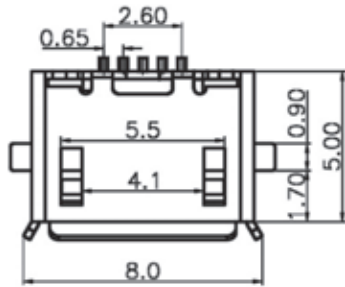
"15" 15 MICROINCH GOLD

"30" 30 MICROINCH GOLD

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR SMT TYPE



SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

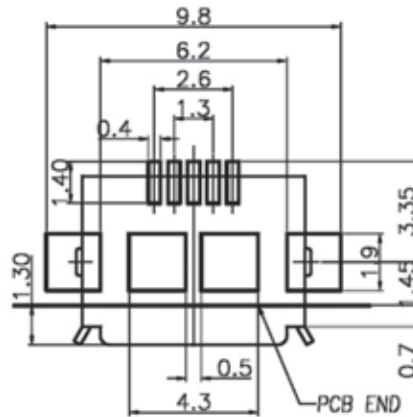
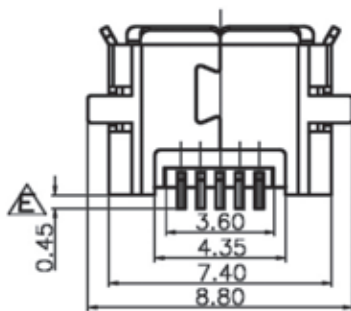
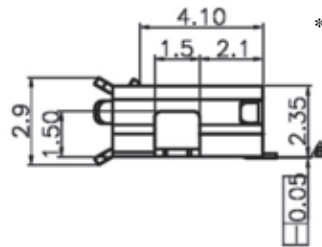
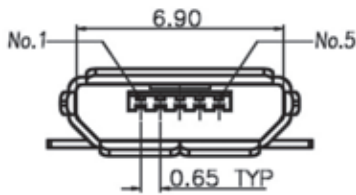
Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N UR11-05FBxx-R
 $\frac{1}{1} \frac{2}{2} \frac{3}{3} \frac{4}{4} \frac{5}{5}$

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

"10" 10 MICROINCH GOLD

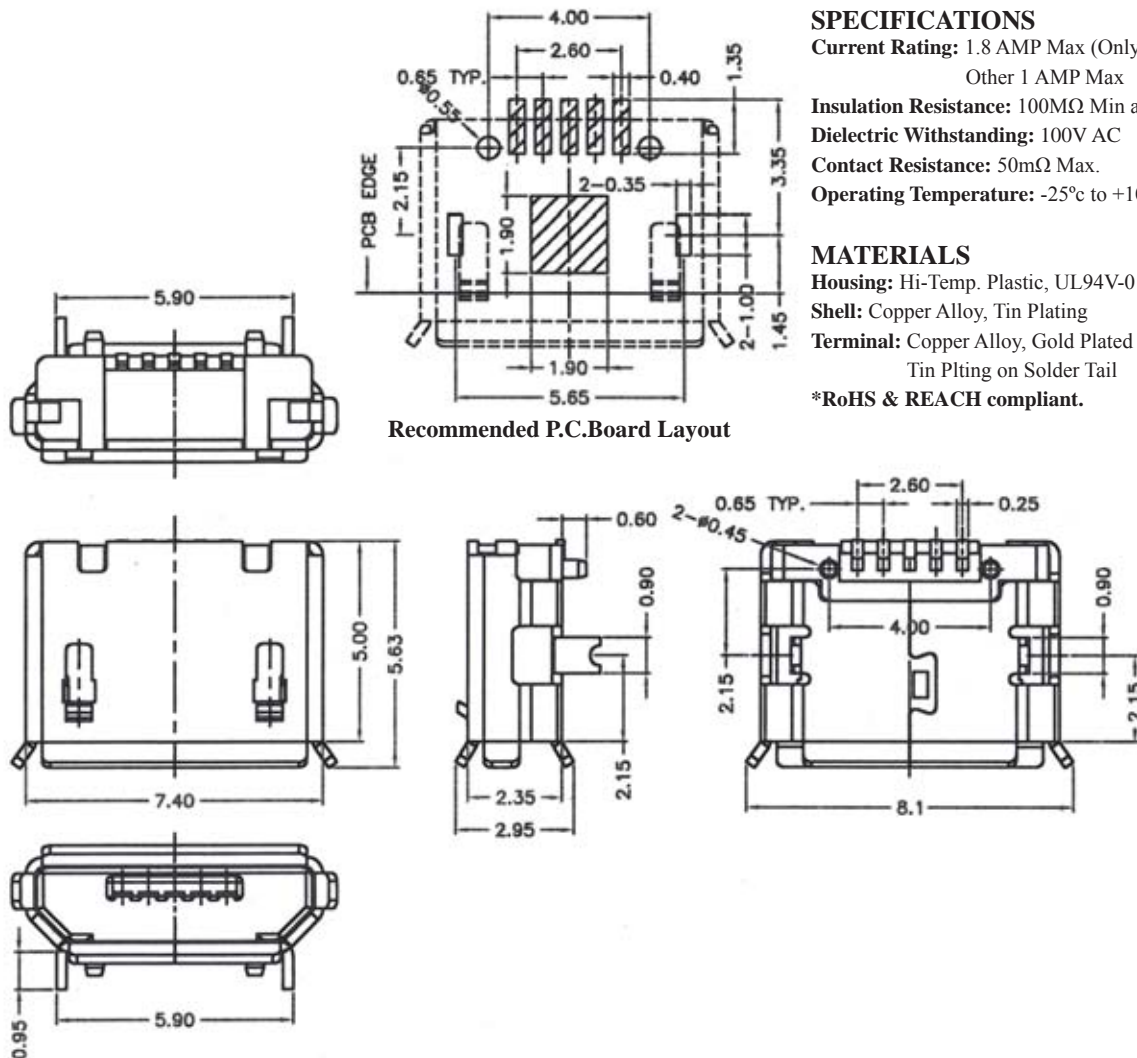
"15" 15 MICROINCH GOLD

"30" 30 MICROINCH GOLD

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR SMT TYPE WITH POSTS



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.

ORDERING INFORMATION:

P/N U R 1 5 - 0 5 F B x x - R
 1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

"01" GOLD FLASH

"05" 5 MICROINCH GOLD

"10" 10 MICROINCH GOLD

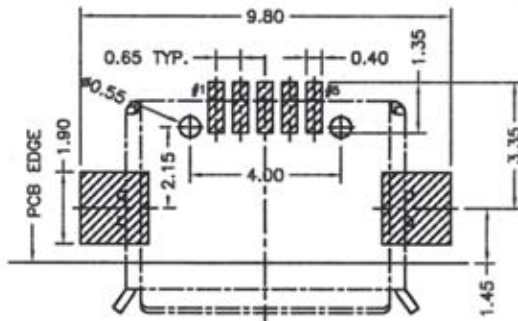
"15" 15 MICROINCH GOLD

"30" 30 MICROINCH GOLD

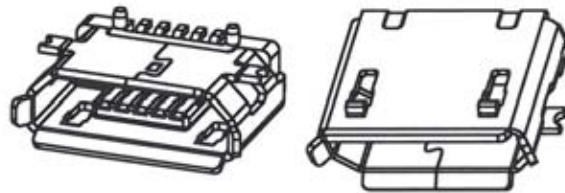
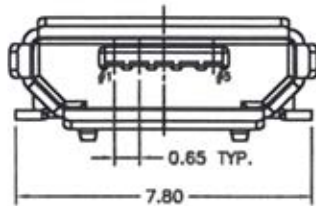
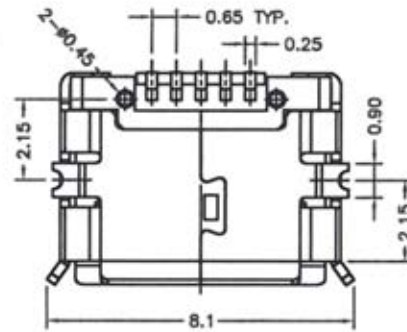
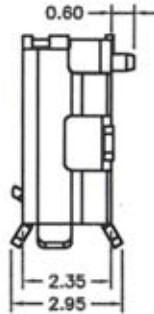
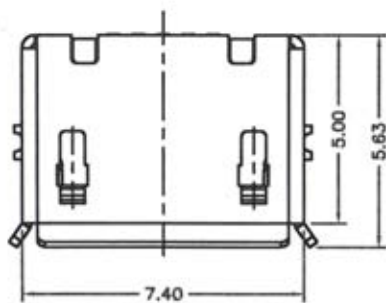
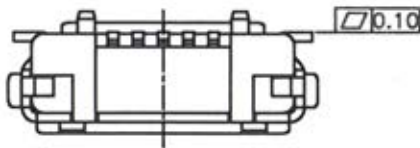
5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR SMT TYPE WITH POSTS



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.

ORDERING INFORMATION:

P/N U R 1 6 - 0 5 F B x x - R
 1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

"01" GOLD FLASH

"05" 5 MICROINCH GOLD

"10" 10 MICROINCH GOLD

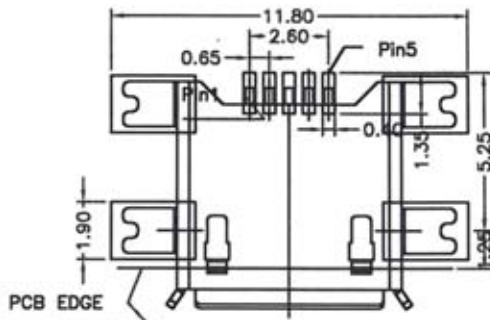
"15" 15 MICROINCH GOLD

"30" 30 MICROINCH GOLD

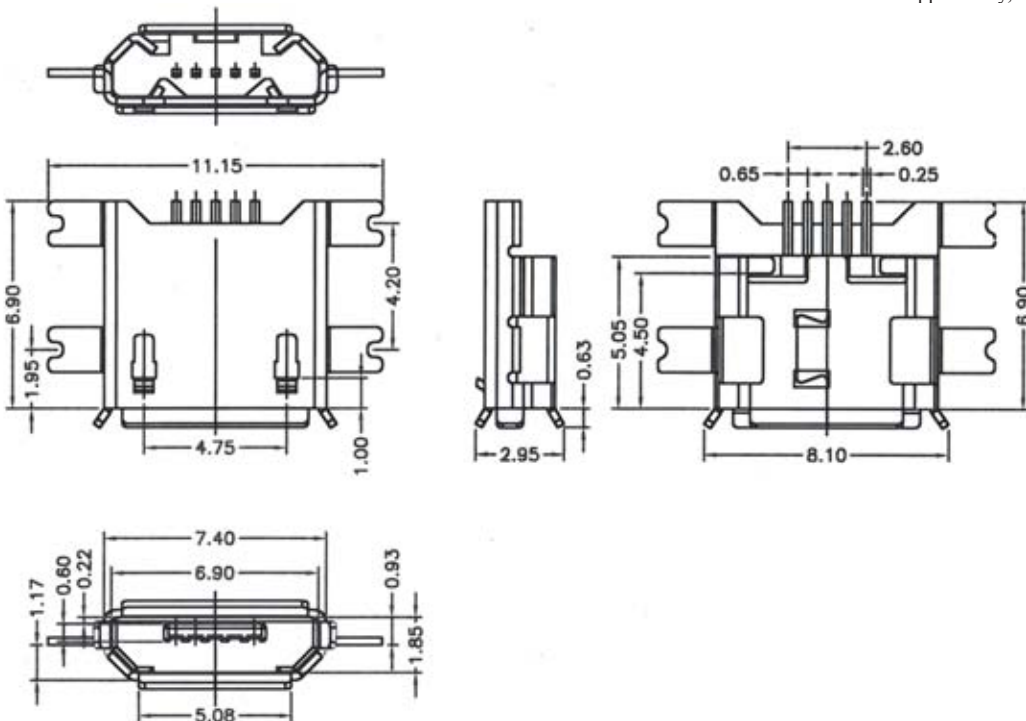
5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR BOARD CUT SMT TYPE



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area
or Tail
at.

ORDERING INFORMATION:

P/N UR17-05FBxx-R
1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

"01" GOLD FLASH

"05" 5 MICROINCH GOLD

"10" 10 MICROINCH GOLD

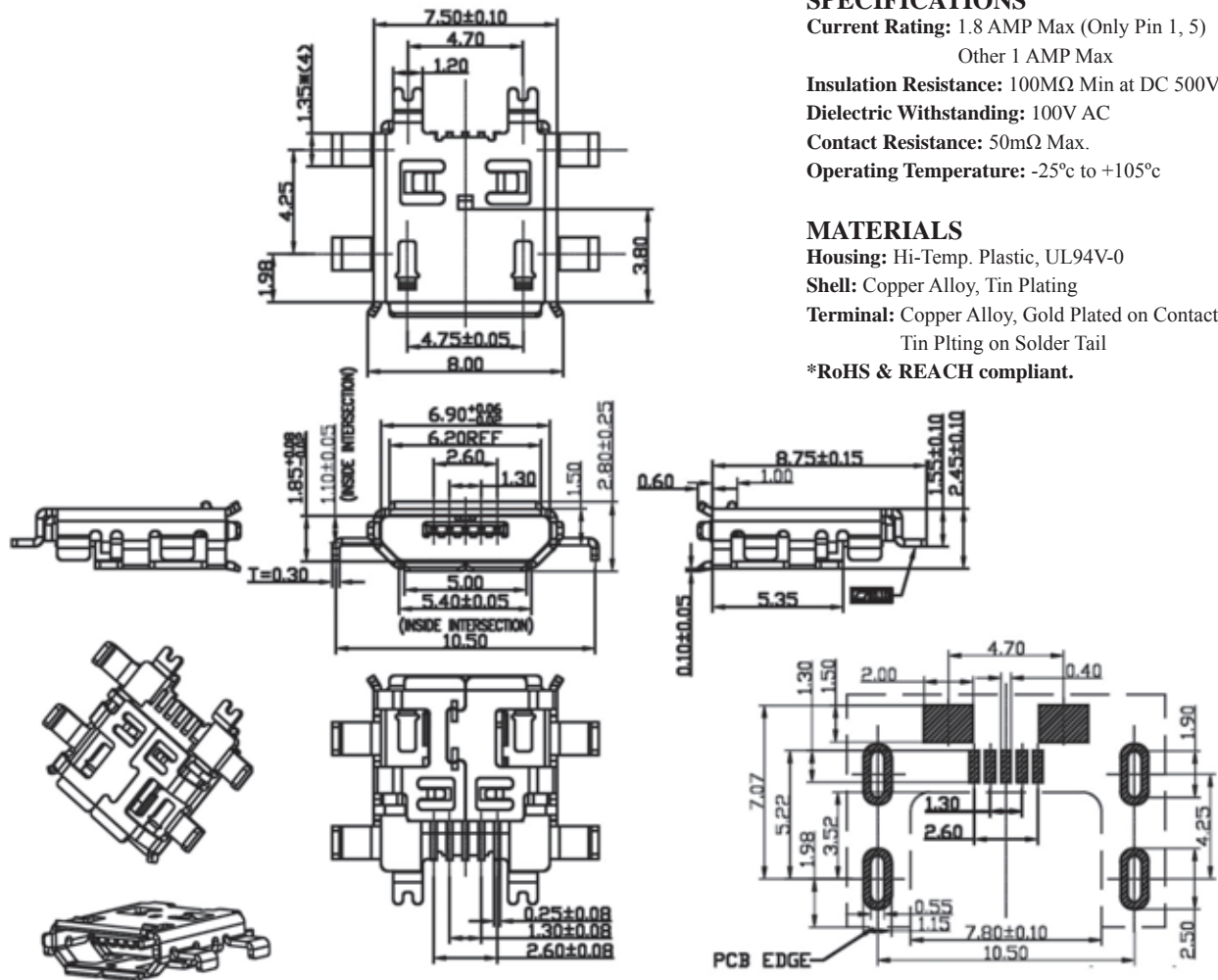
"15" 15 MICROINCH GOLD

"30" 30 MICROINCH GOLD

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR SMT TYPE



SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.

ORDERING INFORMATION:

P/N U R 2 1 - 0 5 F B x x - R
1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

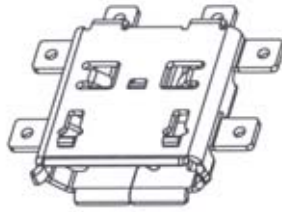
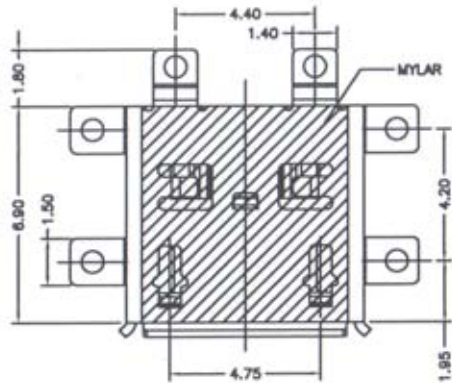
"15" 15 MICROINCH GOLD

"30" 30 MICROINCH GOLD

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR BOARD CUT SMT TYPE



SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

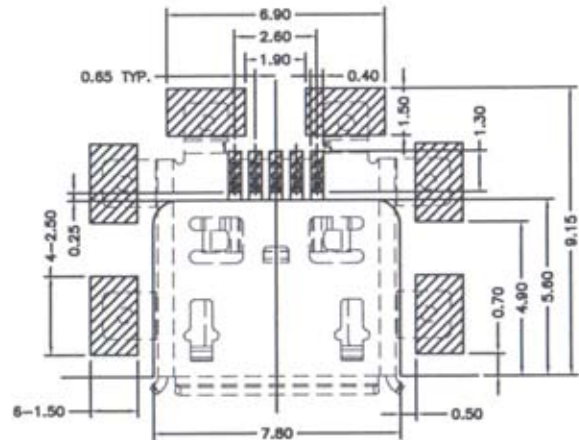
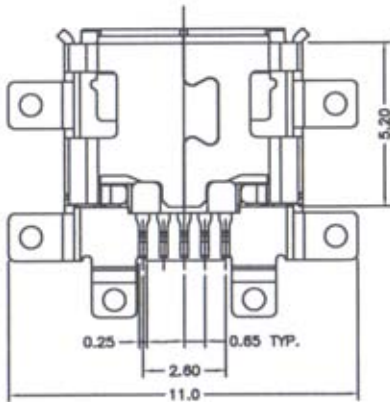
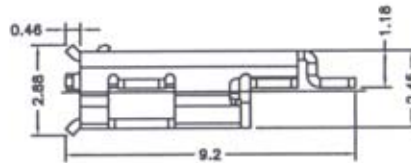
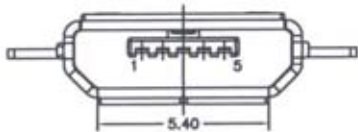
Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N U R 2 4 - 0 5 F B x x - x
1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

"01" GOLD FLASH

"05" 5 MICROINCH GOLD

"10" 10 MICROINCH GOLD

"15" 15 MICROINCH GOLD

"30" 30 MICROINCH GOLD

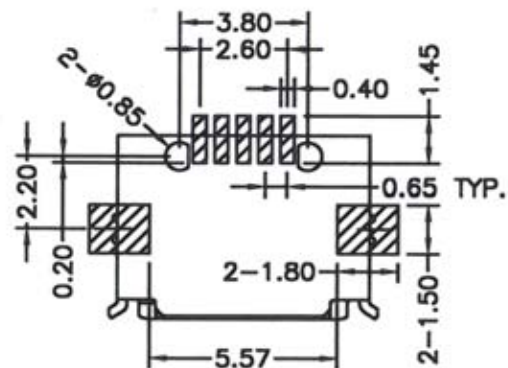
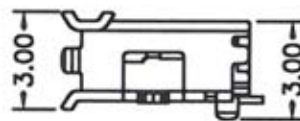
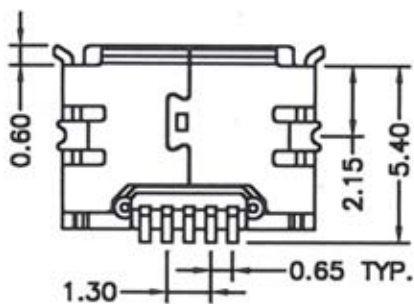
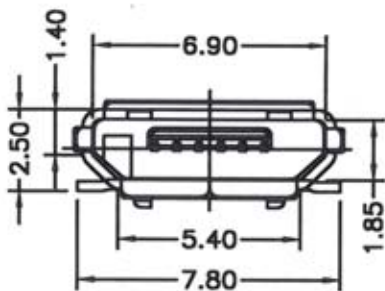
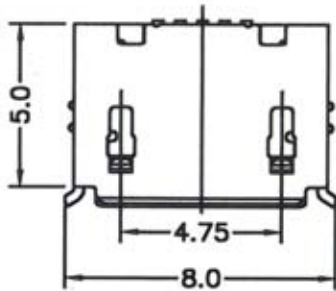
5. PACKAGE TYPE:

"R" TAPE & REEL

"G" WITH MYLAR IN TAPE & REEL

"0" TRAY

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR SMT TYPE WITH POSTS



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.

ORDERING INFORMATION:

P/N U R 2 5 - 0 5 F B x x - x
 1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

"30" 30 MICROINCH GOLD

"01" GOLD FLASH

5. PACKAGE TYPE:

"R" TAPE & REEL

"T" TUBE

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR SMT TYPE WITH DIP SHELL

SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)
Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

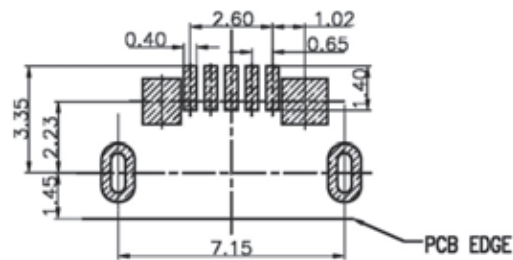
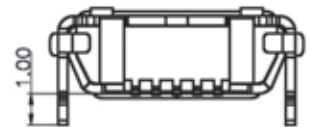
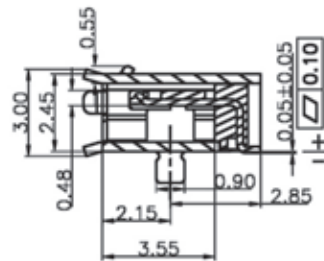
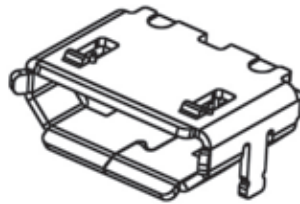
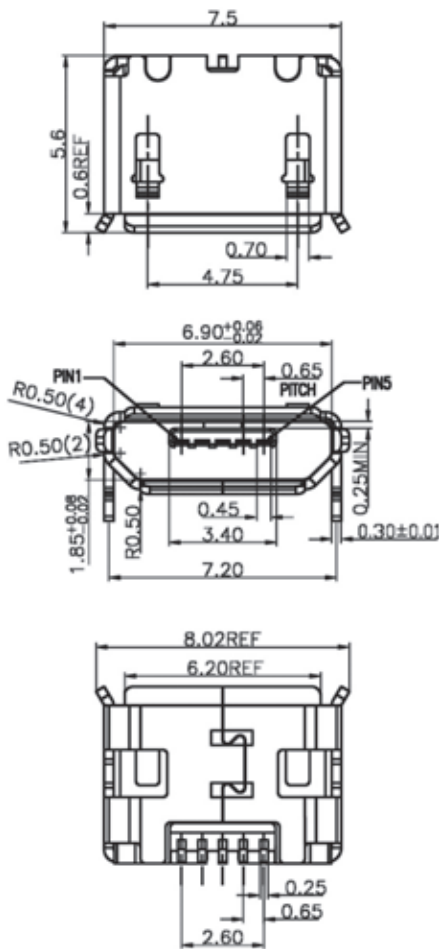
MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area
Tin Plating on Solder Tail

*RoHS & REACH compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N UR 34 - 05 FB xx - R
1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

"03" 3 MICROINCH GOLD

"15" 15 MICROINCH GOLD

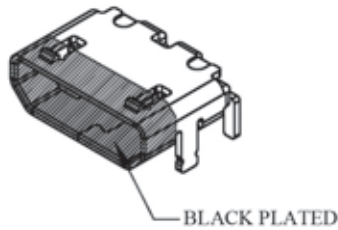
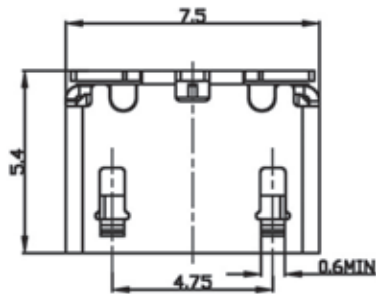
"30" 30 MICROINCH GOLD

"01" GOLD FLASH

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR SMT TYPE WITH HALF BLACK PLATED SHELL



SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

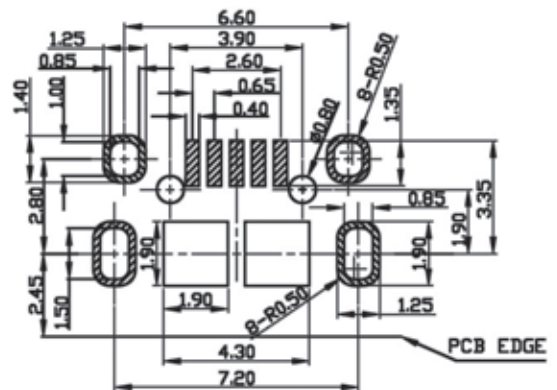
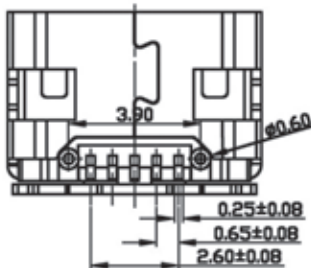
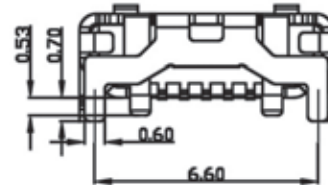
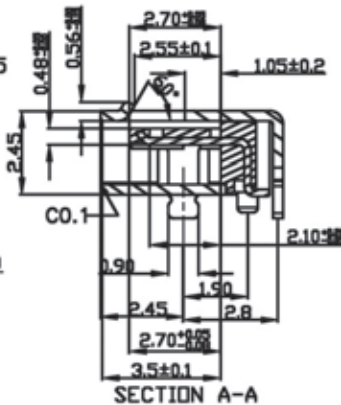
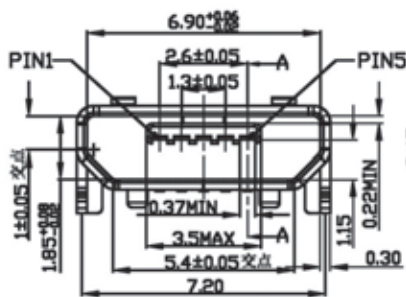
Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.



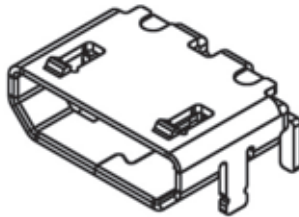
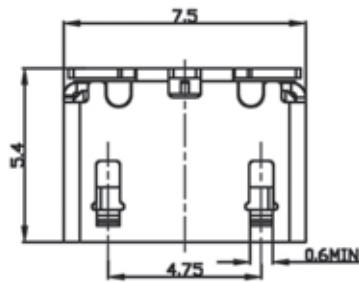
Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N U R 3 3 - 0 5 F B x x - R
1 2 3 4 5

1. NO. OF CONTACTS:
05
2. CONNECTOR TYPE:
"F" FEMALE
3. INSULATOR COLOR:
"B" BLACK
4. CONTACT FINISH:
"10" 10 MICROINCH GOLD
5. PACKAGE TYPE:
"R" TAPE & REEL

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR SMT TYPE WITH POSTS & DIP SHELL TYPE 2



SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

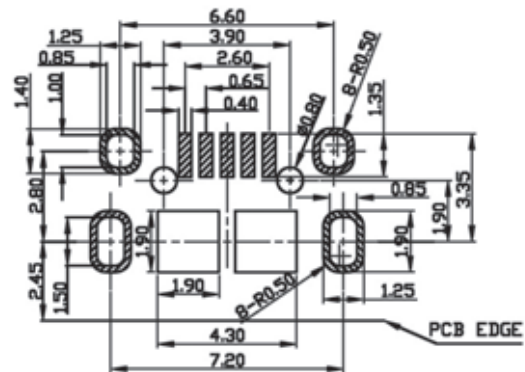
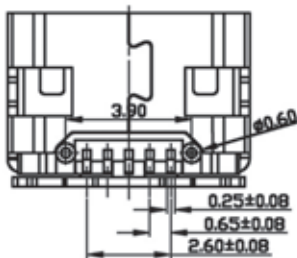
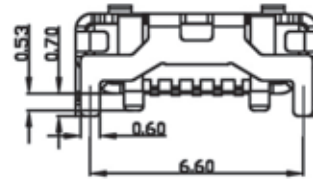
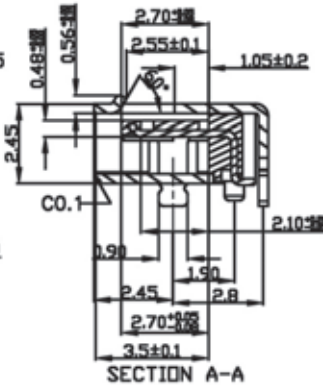
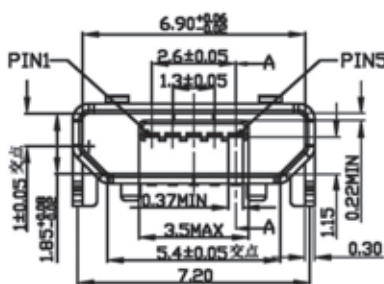
Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.



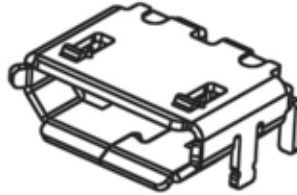
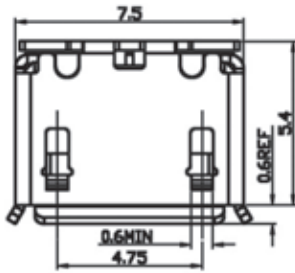
Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N U R 3 2 - 0 5 F B x x - R
1 2 3 4 5

1. NO. OF CONTACTS:
05
2. CONNECTOR TYPE:
"F" FEMALE
3. INSULATOR COLOR:
"B" BLACK
4. CONTACT FINISH:
"10" 10 MICROINCH GOLD
5. PACKAGE TYPE:
"R" TAPE & REEL

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR SMT TYPE WITH POSTS & DIP SHELL TYPE 1



SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

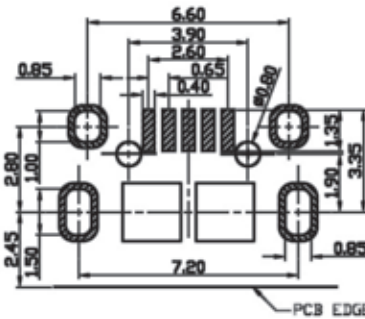
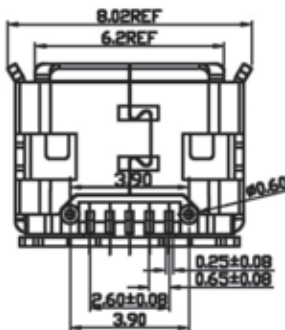
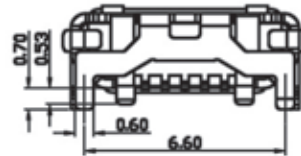
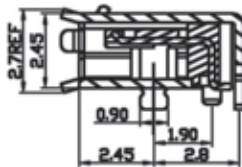
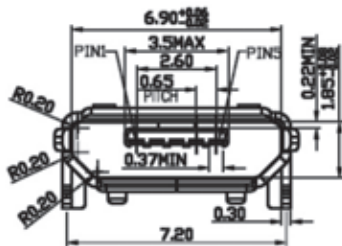
Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N U R 3 1 - 0 5 F B x x - R
1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

"03" 3 MICROINCH GOLD

"15" 15 MICROINCH GOLD

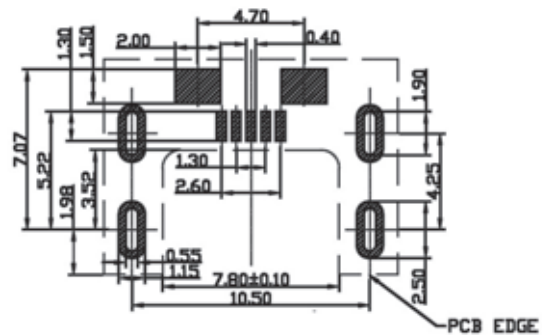
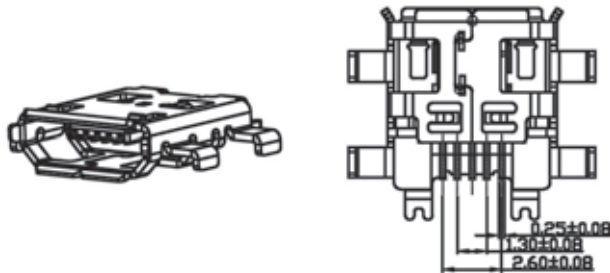
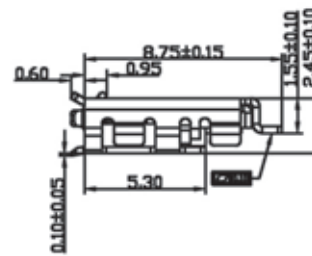
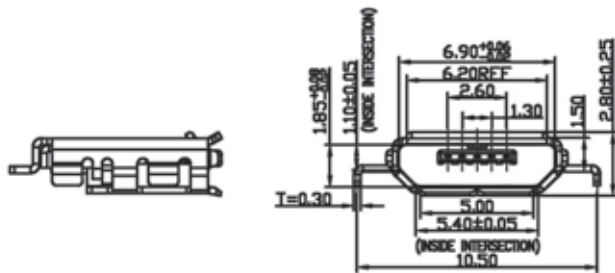
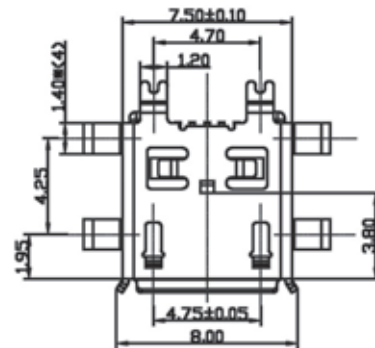
"30" 30 MICROINCH GOLD

"01" GOLD FLASH

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR SMT TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.

ORDERING INFORMATION:

P/N U R 3 0 - 0 5 F B x x - R
1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

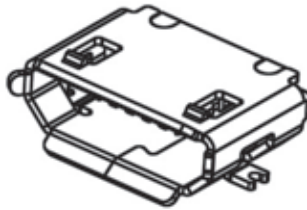
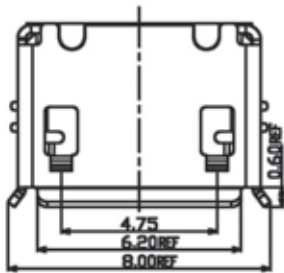
4. CONTACT FINISH:

"30" 30 MICROINCH GOLD

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR SMT TYPE WITH POSTS



SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

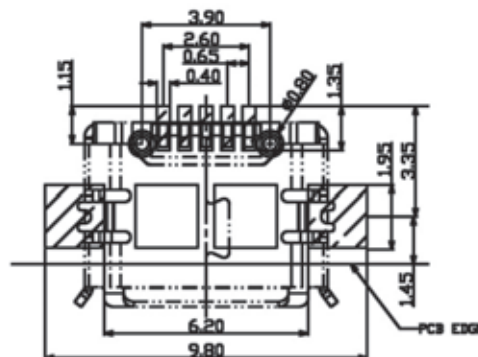
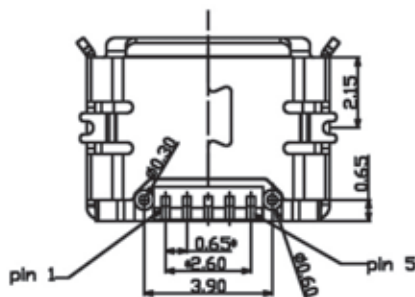
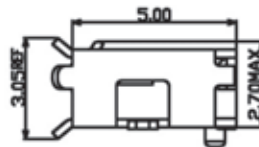
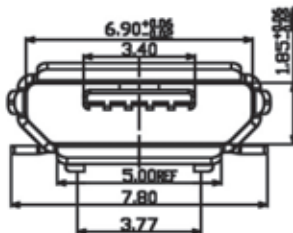
Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N U R 2 9 - 0 5 F B x x - R
1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

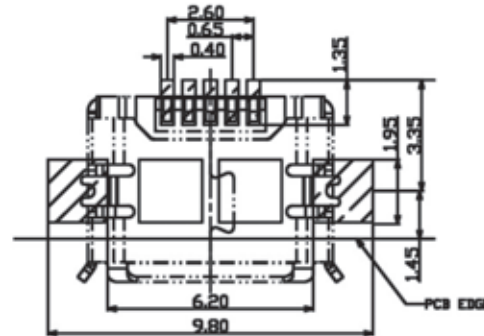
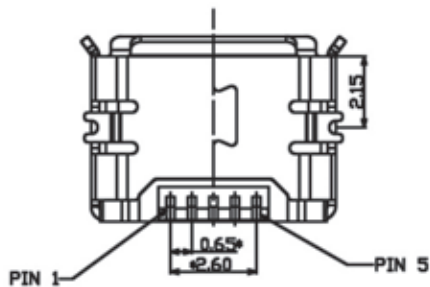
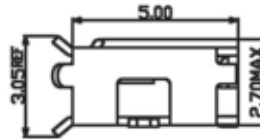
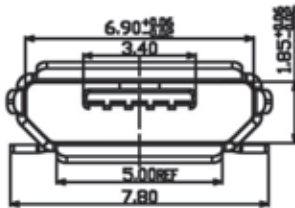
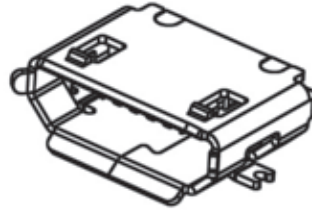
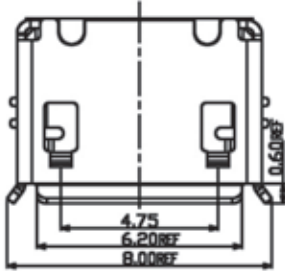
"03" 3 MICROINCH GOLD

"30" 30 MICROINCH GOLD

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR SMT TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)
Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area
Tin Plating on Solder Tail

*RoHS & REACH compliant.

ORDERING INFORMATION:

P/N U R 2 8 - 0 5 F B x x - R
1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

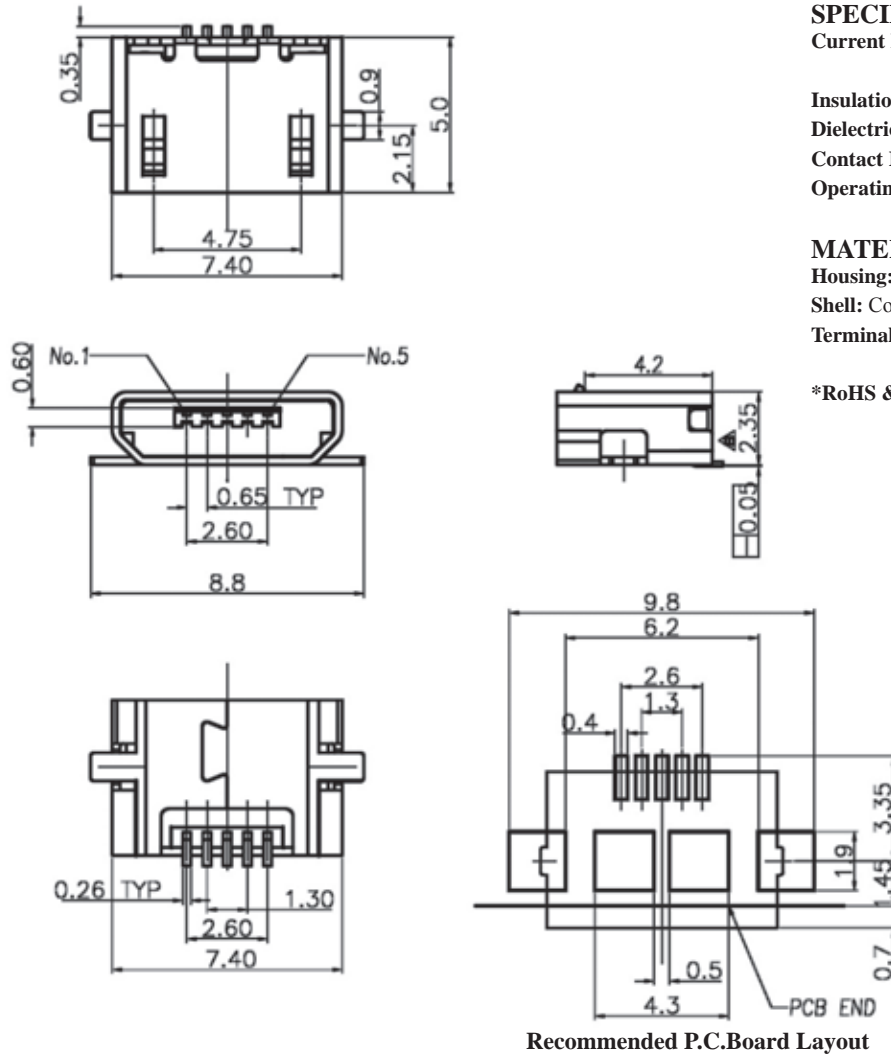
"03" 3 MICROINCH GOLD

"30" 30 MICROINCH GOLD

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR SMT TYPE



SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.



ORDERING INFORMATION:

P/N U R 4 1 - 0 5 F B x x - R
 1 2 3 4 5

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

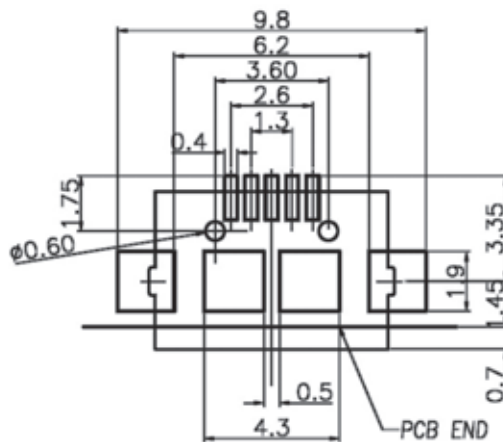
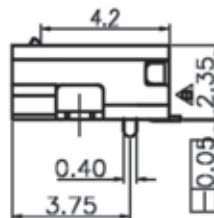
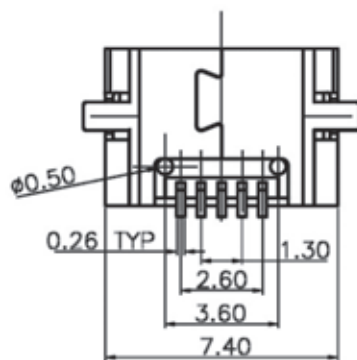
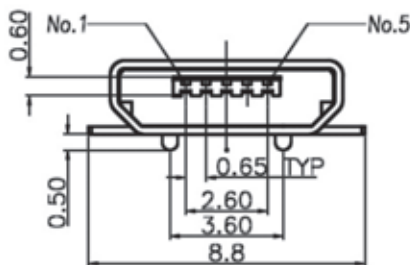
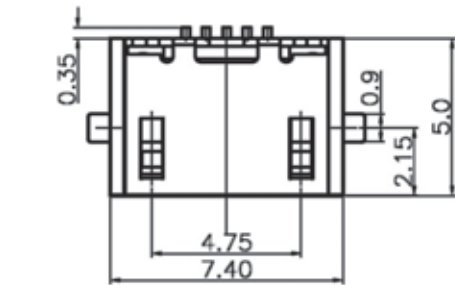
4. CONTACT FINISH:

"30" 30 MICROINCH GOLD

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR SMT TYPE WITH POSTS



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area

Tin Plating on Solder Tail

*RoHS & REACH compliant.

ORDERING INFORMATION:

P/N UR40-05FBxx-R
 $\frac{1}{1} \frac{2}{2} \frac{3}{3} \frac{4}{4} \frac{5}{5}$

1. NO. OF CONTACTS:

05

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

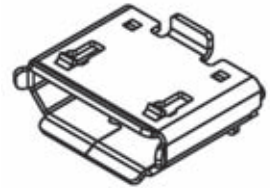
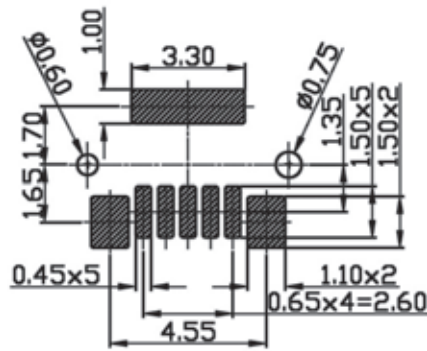
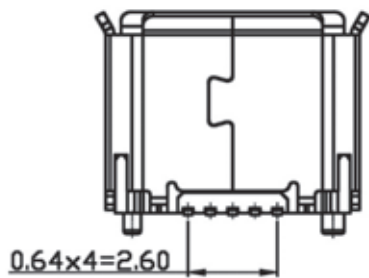
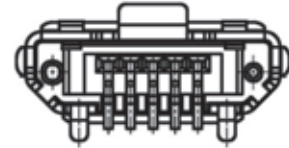
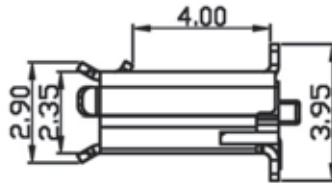
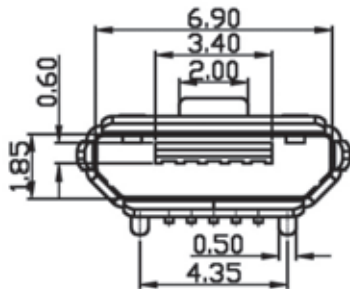
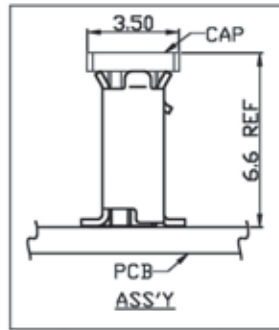
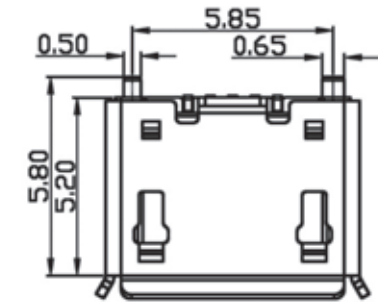
4. CONTACT FINISH:

"30" 30 MICROINCH GOLD

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB B TYPE 5 PIN FEMALE CONNECTOR STRAIGHT SMT TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.8 AMP Max (Only Pin 1, 5)
Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Copper Alloy, Tin Plating

Terminal: Copper Alloy, Gold Plated on Contact Area
Tin Plating on Solder Tail

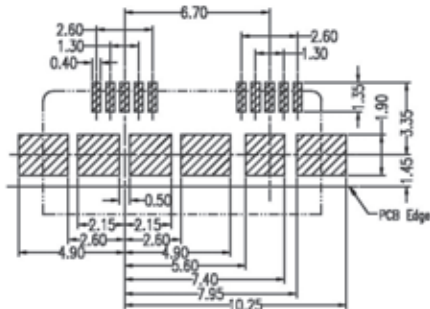
*RoHS & REACH compliant.

ORDERING INFORMATION:

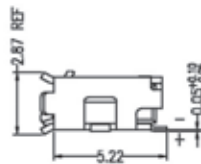
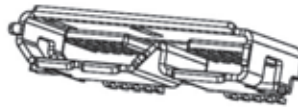
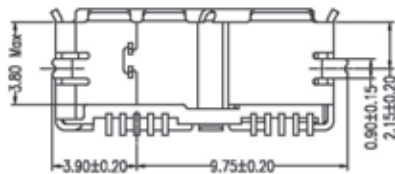
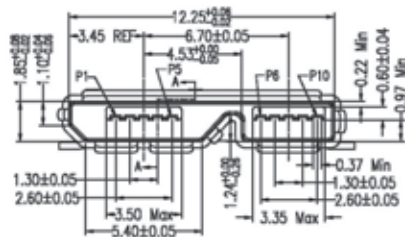
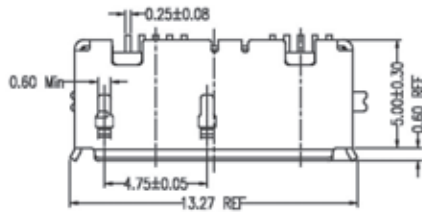
P/N U R 3 9 - 0 5 F B x x - R
1 2 3 4 5

1. NO. OF CONTACTS:
05
2. CONNECTOR TYPE:
"F" FEMALE
3. INSULATOR COLOR:
"B" BLACK
4. CONTACT FINISH:
"10" 10 MICROINCH GOLD
5. PACKAGE TYPE:
"R" TAPE & REEL

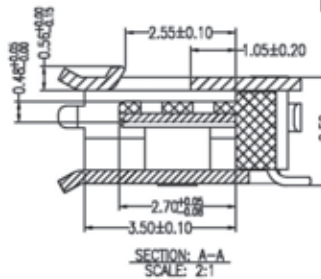
MICRO USB 3.0 B TYPE 10 PIN FEMALE CONNECTOR SMT TYPE WITH SMT SHELL



Recommended P.C.Board Layout
Component Side



Pin Number	Signal Name
1	VBUS
2	D-
3	D+
4	ID
5	GND
6	MicB_SSTX-
7	MicB_SSTX+
8	GND_DRAIN
9	MicB_SSRX-
10	MicB_SSRX+



SPECIFICATIONS

Current Rating: 1.8 Amperes

Insulation Resistance: 100MΩ Min

Dielectric Withstanding: 100V AC

Contact Resistance: 50mΩ Max.

Operating Temperature: -40°C to +85°C

MATERIALS

Housing: LCP, UL94V-0

Contact: Phosphor Bronze

Plating: Gold Plating over Nickel on

Contact Area; Gold Plating on

Solder Tail

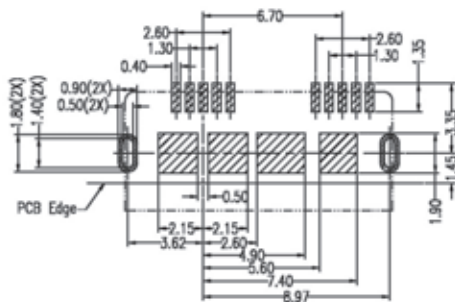
*RoHS & REACH compliant.

ORDERING INFORMATION:

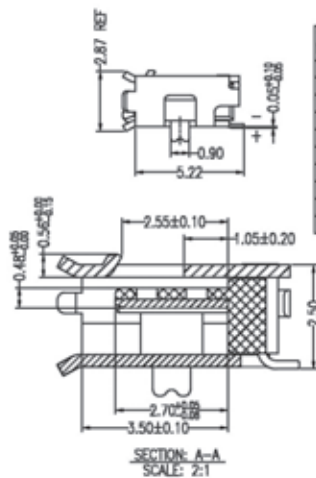
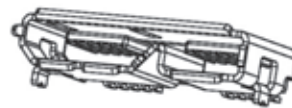
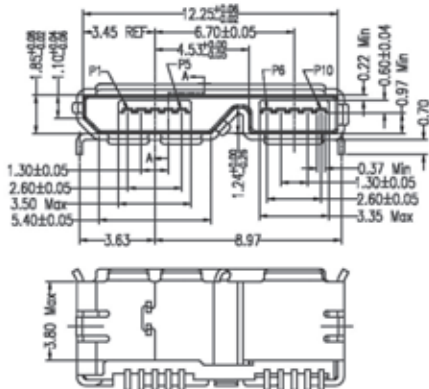
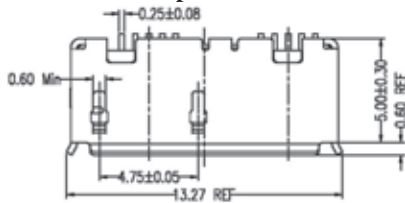
P/N U R 3 F A - 1 0 $\frac{F}{1}$ $\frac{B}{2}$ $\frac{x}{3}$ $\frac{x}{4}$ - R

- CONNECTOR TYPE:
"F" FEMALE
- HOUSING COLOR:
"B" BLACK
- CONTACT FINISH:
"30" 30 MICROINCH GOLD
"15" 15 MICROINCH GOLD
"01" GOLD FLASH
- PACKAGE TYPE:
"R" TAPE & REEL

MICRO USB 3.0 B TYPE 10 PIN FEMALE CONNECTOR SMT TYPE WITH DIP POSTS



Recommended P.C.Board Layout Component Side



Pin Number	Signal Name
1	VBUS
2	D-
3	D+
4	ID
5	GND
6	WicL_SSTX-
7	WicL_SSTX+
8	GND_DRAIN
9	WicL_SSRX-
10	WicL_SSRX+

SPECIFICATIONS

Current Rating: 1.8 Amperes
 Insulation Resistance: 100MΩ Min
 Dielectric Withstanding: 100V AC
 Contact Resistance: 50mΩ Max.
 Operating Temperature: -40°C to +85°C

MATERIALS

Housing: LCP, UL94V-0
 Contact: Phosphor Bronze
 Plating: Gold Plating over Nickel on Contact Area; Gold Plating on Solder Tail

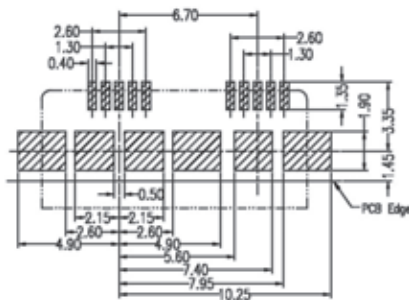
*RoHS & REACH compliant.

ORDERING INFORMATION:

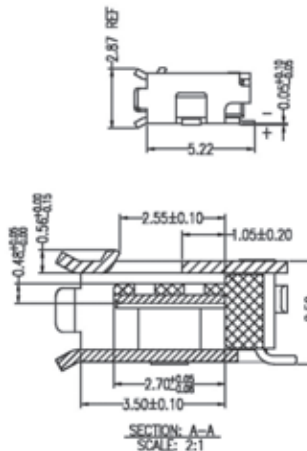
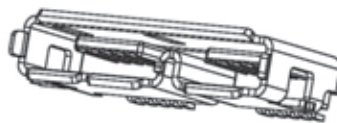
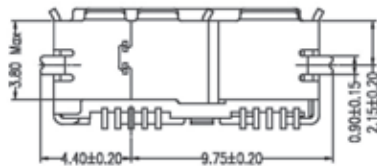
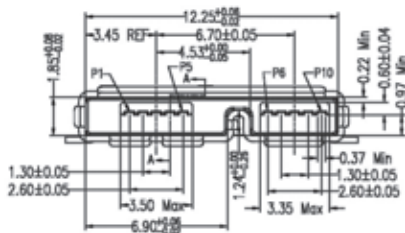
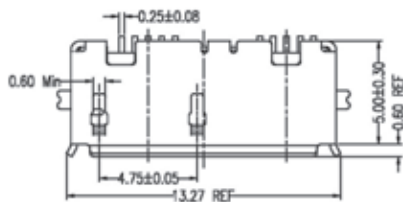
P/N U R 3 F B - 1 0 $\frac{F}{1}$ $\frac{B}{2}$ $\frac{x}{3}$ $\frac{x}{4}$ - R

- CONNECTOR TYPE:
"F" FEMALE
- HOUSING COLOR:
"B" BLACK
- CONTACT FINISH:
"30" 30 MICROINCH GOLD
"15" 15 MICROINCH GOLD
"01" GOLD FLASH
- PACKAGE TYPE:
"R" TAPE & REEL

MICRO USB 3.0 AB TYPE 10 PIN FEMALE CONNECTOR SMT TYPE WITH SMT SHELL



Recommended P.C.Board Layout
Component Side



Pin Number	Signal Name
1	VBUS
2	D-
3	D+
4	ID
5	GND
6	MicA_SSTX-
7	MicA_SSTX+
8	GND_DRAIN
9	MicA_SSRX-
10	MicA_SSRX+

SPECIFICATIONS

Current Rating: 1.8 Amperes
Insulation Resistance: 100MΩ Min
Dielectric Withstanding: 100V AC
Contact Resistance: 50mΩ Max.
Operating Temperature: -40°C to +85°C

MATERIALS

Housing: LCP, UL94V-0
Contact: Phosphor Bronze
Plating: Gold Plating over Nickel on
 Contact Area; Gold Plating on
 Solder Tail

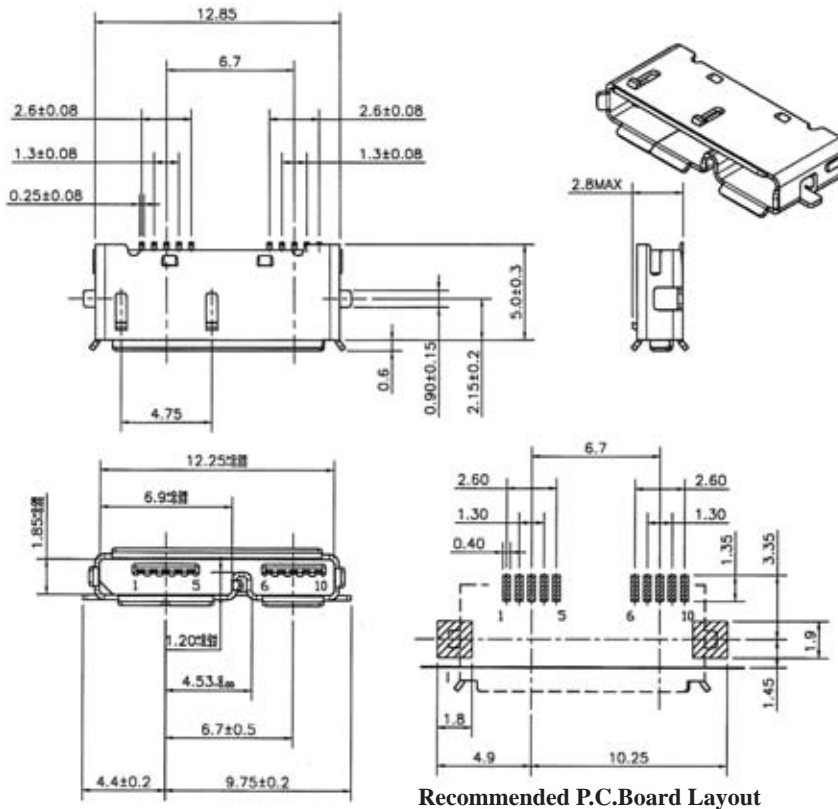
*RoHS & REACH compliant.

ORDERING INFORMATION:

P/N U R 3 F C - 1 0 $\frac{F}{1}$ $\frac{B}{2}$ $\frac{x}{3}$ $\frac{x}{4}$ - R

- CONNECTOR TYPE:
"F" FEMALE
- HOUSING COLOR:
"B" BLACK
- CONTACT FINISH:
"30" 30 MICROINCH GOLD
"15" 15 MICROINCH GOLD
"01" GOLD FLASH
- PACKAGE TYPE:
"R" TAPE & REEL

MICRO USB 3.0 AB TYPE FEMALE CONNECTOR PCB MOUNT SMT TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Voltage Rating: 30V AC

Current Rating: 1.8 Amp

Contact Resistance: 30 Milliohm Max.

Insulation Resistance: 1000 Megohm Min.

Dielectric Withstanding: 100V AC

Temperature Range: -55°C to +85°C

MATERIALS

Housing: THERMOPLASTIC, UL94V-0. Blue300C

Contact: Phosphor Bronze

Shield: Brass Plating Tin.(Matte Sn).

Plating: Gold Plating Over Nickel in Contact.

Tin Plating Over Nickel in Solder Area.

*RoHS & REACH compliant.

ORDERING INFORMATION:

P/N UR3FD - $\frac{1}{1}$ $\frac{0}{2}$ $\frac{F}{3}$ $\frac{B}{4}$ $\frac{03}{5}$ - R

1. NO. OF CONTACTS:

10

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

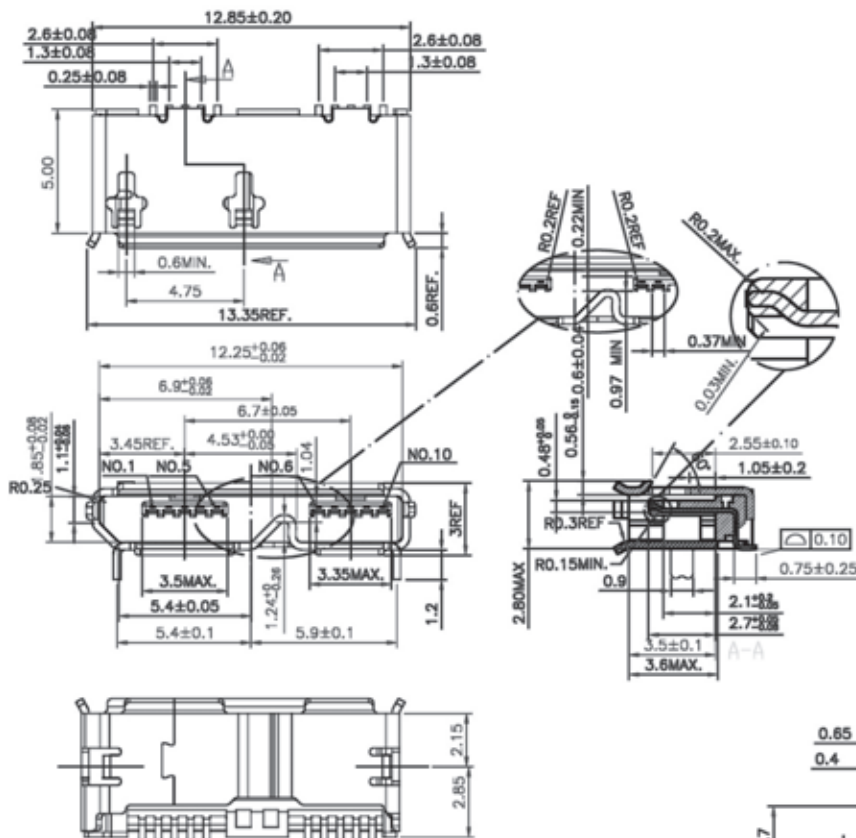
4. CONTACT FINISH:

"03" 03 MICROINCH GOLD

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB 3.0 B TYPE 10 PIN FEMALE CONNECTOR SMT TYPE WITH DIP SHELL



SPECIFICATIONS

Current Rating: 0.5 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 30mΩ Max.

Operating Temperature: -25°C to +105°C

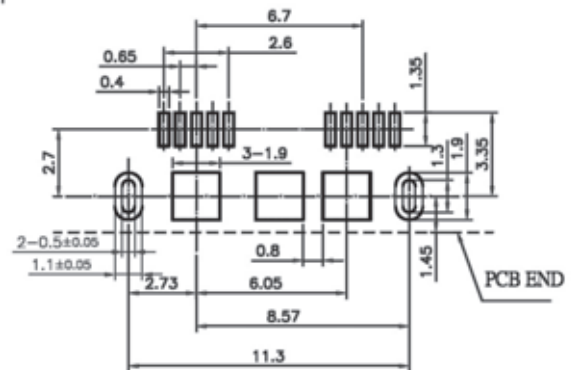
MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Stainless Steel, Gold Plating

Terminal: Copper Alloy, Gold Plated

*RoHS & REACH compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N U R 3 F E - $\frac{10}{1}$ $\frac{F}{2}$ $\frac{B}{3}$ $\frac{x}{4}$ $\frac{x}{5}$ - R

1. NO. OF CONTACTS:

10

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

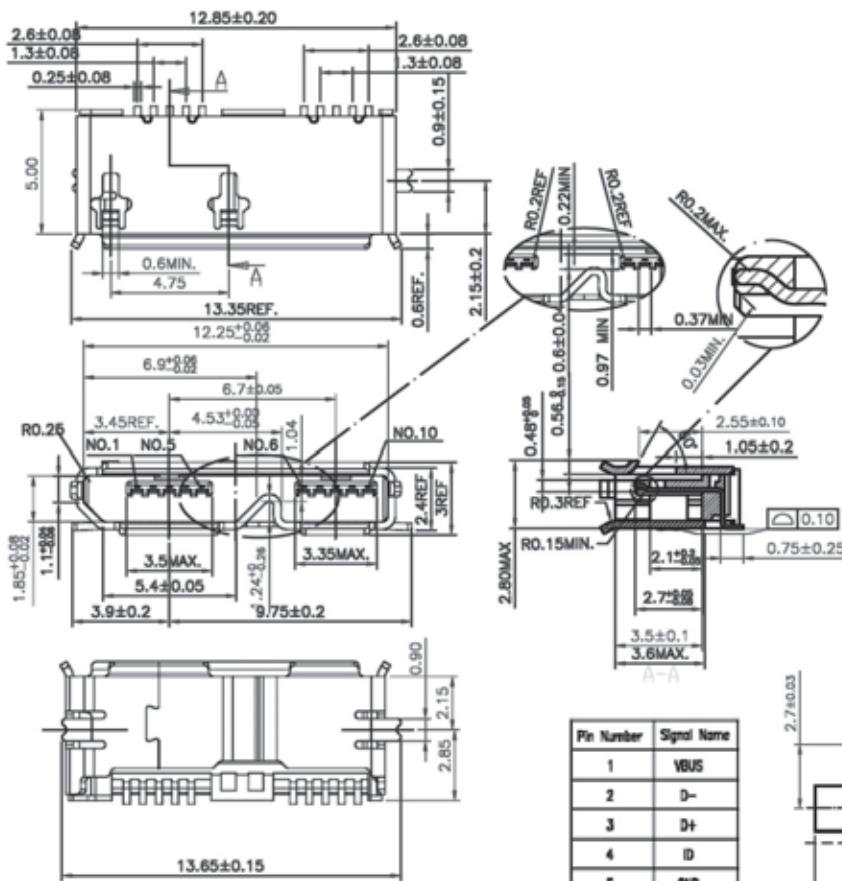
"30" 30 MICROINCH GOLD

"15" 15 MICROINCH GOLD

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB 3.0 B TYPE 10 PIN FEMALE CONNECTOR SMT TYPE WITH SMT SHELL



SPECIFICATIONS

Current Rating: 0.5 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 30mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

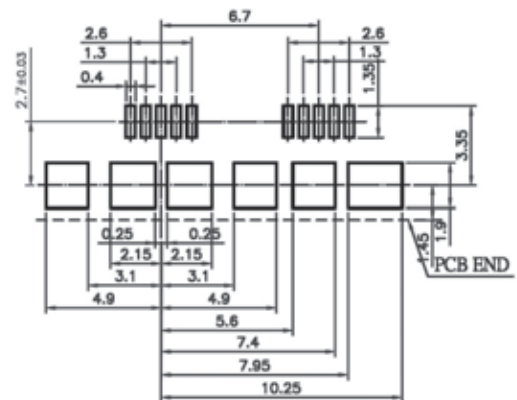
Housing: Hi-Temp. Plastic, UL94V-0

Shell: Stainless Steel, Gold Plating

Terminal: Copper Alloy, Gold Plated

*RoHS & REACH compliant.

Pin Number	Signal Name
1	VBUS
2	D-
3	D+
4	ID
5	GND
6	Wcll_SSTX-
7	Wcll_SSTX+
8	CND_DRAIN
9	Wcll_SSPX-
10	Wcll_SSPX+
Shell	Shield



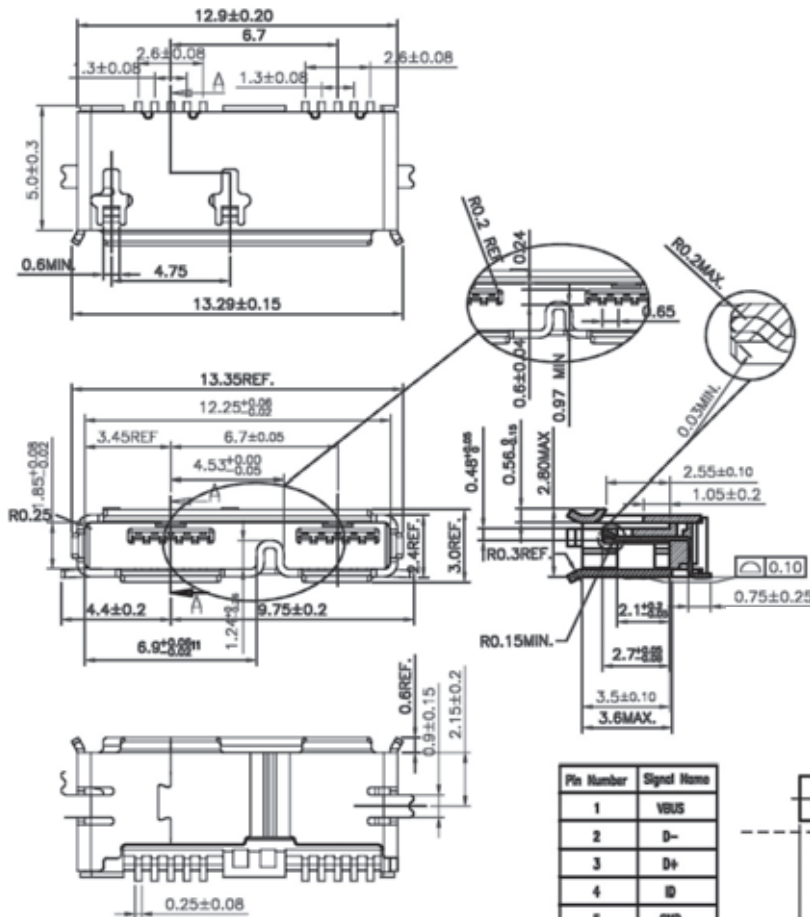
Recommended P.C.Board Layout

ORDERING INFORMATION:

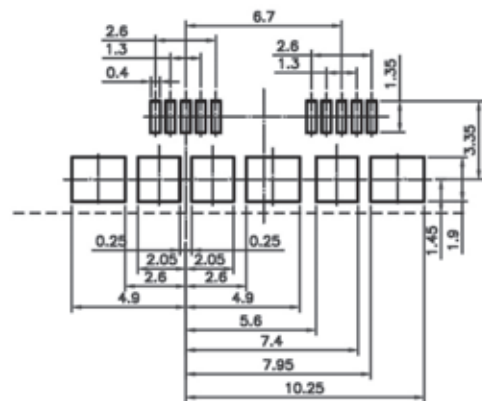
P/N UR3FF-10FBxx-R
1 2 3 4 5

- NO. OF CONTACTS:
10
- CONNECTOR TYPE:
"F" FEMALE
- INSULATOR COLOR:
"B" BLACK
- CONTACT FINISH:
"30" 30 MICROINCH GOLD
"15" 15 MICROINCH GOLD
- PACKAGE TYPE:
"R" TAPE & REEL

MICRO USB 3.0 AB TYPE 10 PIN FEMALE CONNECTOR SMT TYPE WITH SMT SHELL



Pin Number	Signal Name
1	VBUS
2	D-
3	D+
4	ID
5	GND
6	McB_SSDX-
7	McB_SSDX+
8	GND_DRN
9	McB_SSDX-
10	McB_SSDX+
Shell	Shield



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 0.5 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 30mΩ Max.

Operating Temperature: -25°C to +105°C

MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Stainless Steel, Gold Plating

Terminal: Copper Alloy, Gold Plated

*RoHS & REACH compliant.

ORDERING INFORMATION:

P/N UR3FG - $\frac{10}{1}$ $\frac{FB}{2}$ $\frac{xx}{3}$ - $\frac{R}{4}$ $\frac{5}{5}$

1. NO. OF CONTACTS:

10

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

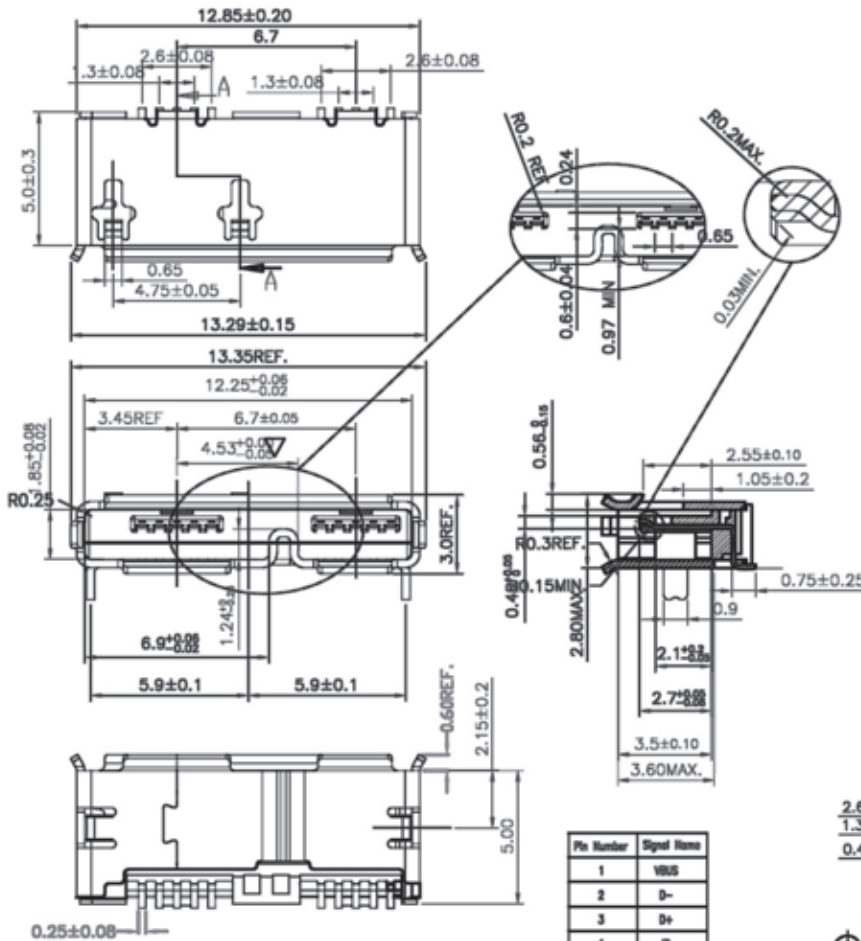
"30" 30 MICROINCH GOLD

"15" 15 MICROINCH GOLD

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB 3.0 AB TYPE 10 PIN FEMALE CONNECTOR SMT TYPE WITH DIP SHELL



SPECIFICATIONS

Current Rating: 0.5 AMP Max (Only Pin 1, 5)
Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 30mΩ Max.

Operating Temperature: -25°C to +105°C

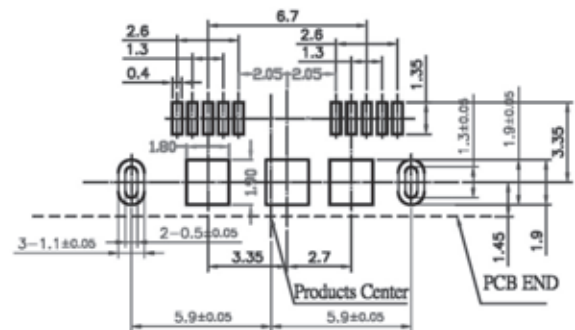
MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Stainless Steel, Gold Plating

Terminal: Copper Alloy, Gold Plated

*RoHS & REACH compliant.



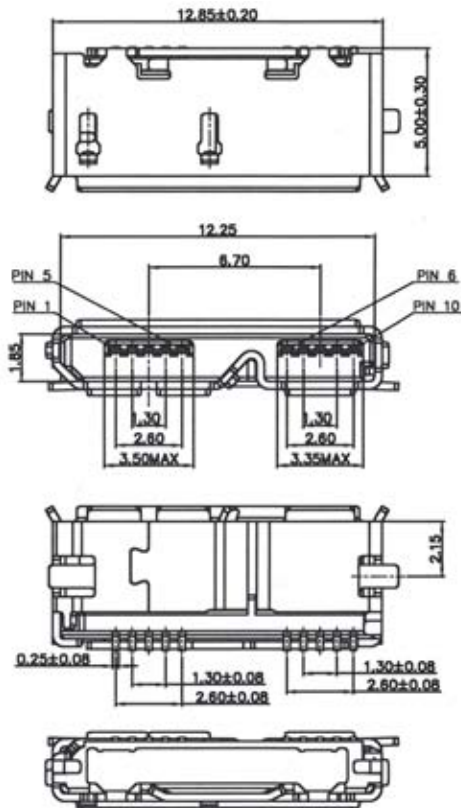
Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N U R 3 F H - $\frac{10}{1}$ $\frac{F}{2}$ $\frac{B}{3}$ $\frac{x}{4}$ $\frac{x}{5}$ - R

1. NO. OF CONTACTS:
10
2. CONNECTOR TYPE:
"F" FEMALE
3. INSULATOR COLOR:
"B" BLACK
4. CONTACT FINISH:
"30" 30 MICROINCH GOLD
"15" 15 MICROINCH GOLD
5. PACKAGE TYPE:
"R" TAPE & REEL

MICRO USB 3.0 B TYPE 10 PIN FEMALE CONNECTOR SMT TYPE WITH SMT SHELL



SPECIFICATIONS

Current Rating: 0.5 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 30mΩ Max.

Operating Temperature: -25°C to +105°C

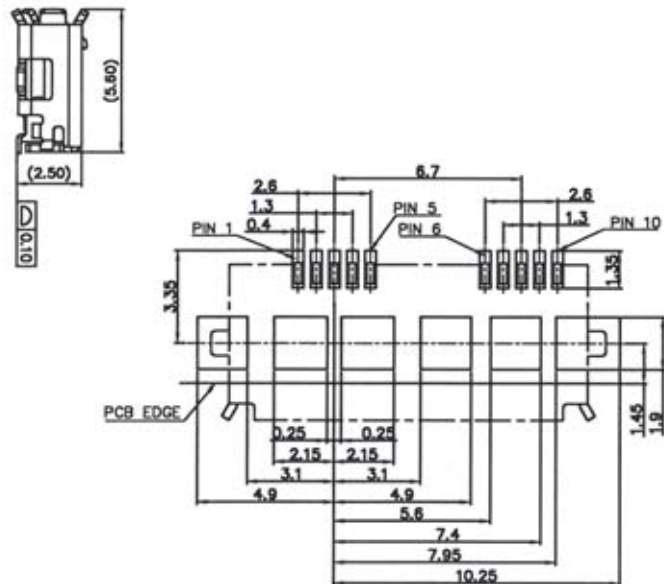
MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Stainless Steel, Gold Plating

Terminal: Copper Alloy, Gold Plated

*RoHS & REACH compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N UR3FJ- $\frac{10}{1}$ $\frac{FB}{2}$ $\frac{xx}{3}$ $\frac{R}{4}$ $\frac{5}{5}$

1. NO. OF CONTACTS:

10

2. CONNECTOR TYPE:

"F" FEMALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

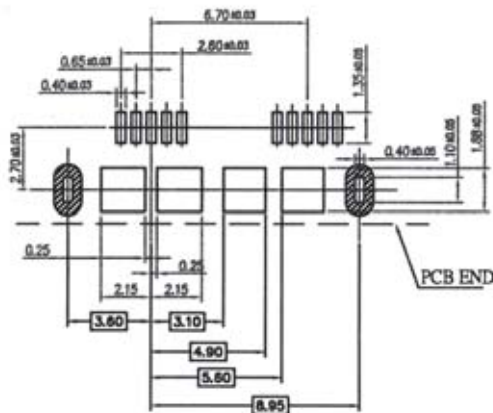
"30" 30 MICROINCH GOLD

"15" 15 MICROINCH GOLD

5. PACKAGE TYPE:

"R" TAPE & REEL

MICRO USB 3.0 B TYPE 10 PIN FEMALE CONNECTOR SMT TYPE WITH DIP SHELL



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 0.5 AMP Max (Only Pin 1, 5)

Other 1 AMP Max

Insulation Resistance: 100MΩ Min at DC 500V

Dielectric Withstanding: 100V AC

Contact Resistance: 30mΩ Max.

Operating Temperature: -25°C to +105°C

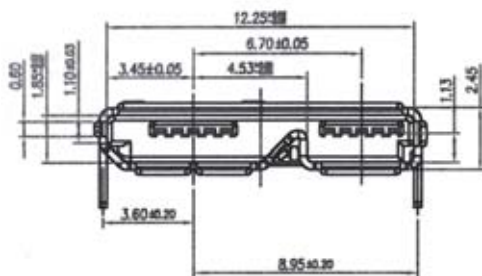
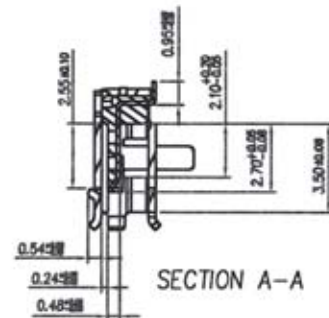
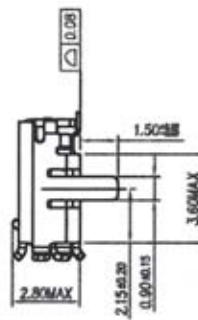
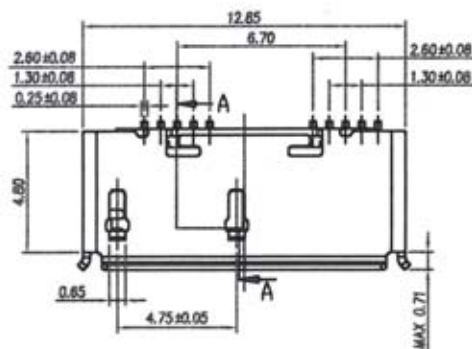
MATERIALS

Housing: Hi-Temp. Plastic, UL94V-0

Shell: Stainless Steel, Gold Plating

Terminal: Copper Alloy, Gold Plated

*RoHS & REACH compliant.

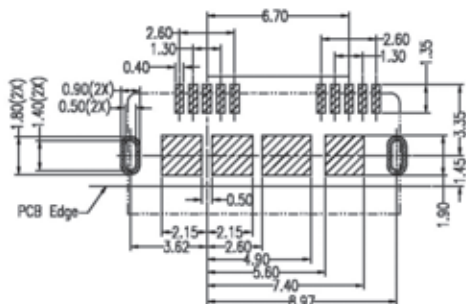


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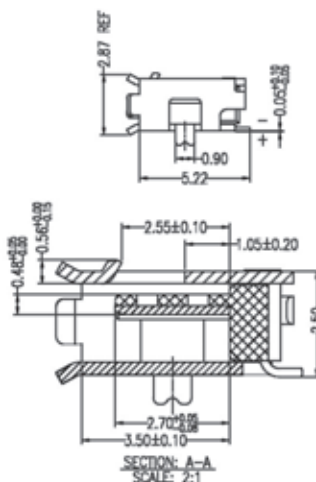
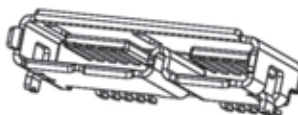
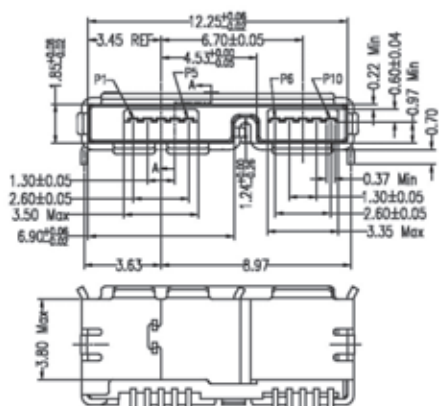
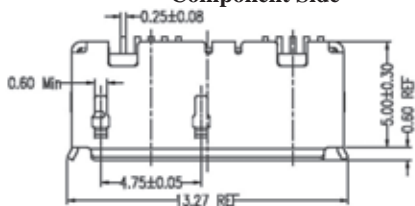
P/N UR3FK - $\frac{10}{1}$ $\frac{FB}{2}$ $\frac{xx}{3}$ $\frac{R}{4}$ - $\frac{R}{5}$

1. NO. OF CONTACTS:
10
2. CONNECTOR TYPE:
"F" FEMALE
3. INSULATOR COLOR:
"B" BLACK
4. CONTACT FINISH:
"30" 30 MICROINCH GOLD
"15" 15 MICROINCH GOLD
5. PACKAGE TYPE:
"R" TAPE & REEL

MICRO USB 3.0 AB TYPE 10 PIN FEMALE CONNECTOR SMT TYPE WITH DIP POSTS



Recommended P.C.Board Layout
Component Side



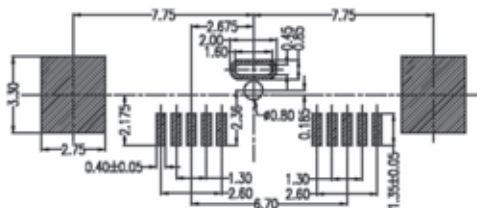
Pin Number	Signal Name
1	VBUS
2	D-
3	D+
4	ID
5	GND
6	MicA_SSIX-
7	MicA_SSIX+
8	GND_DRAIN
9	MicA_SSRX-
10	MicA_SSRX+

ORDERING INFORMATION:

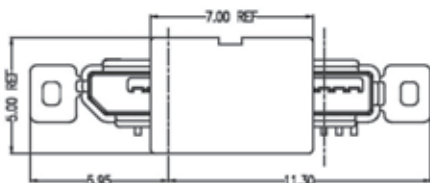
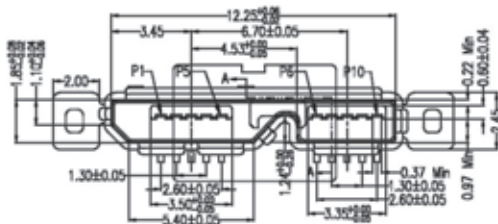
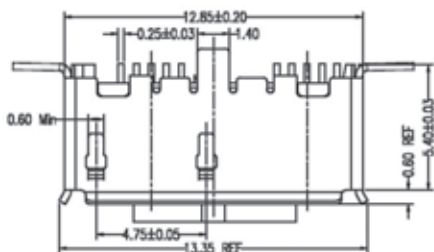
P/N U R 3 F M - 1 0 $\frac{F B}{1 2}$ $\frac{x x}{3}$ - $\frac{R}{4}$

- CONNECTOR TYPE:
"F" FEMALE
- HOUSING COLOR:
"B" BLACK
- CONTACT FINISH:
"30" 30 MICROINCH GOLD
"15" 15 MICROINCH GOLD
"01" GOLD FLASH
- PACKAGE TYPE:
"R" TAPE & REEL

MICRO USB 3.0 B TYPE 10 PIN FEMALE CONNECTOR SMT TYPE WITH WING



Recommended P.C. Board Layout
Component Side (T=1.00mm)



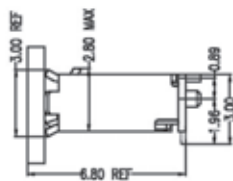
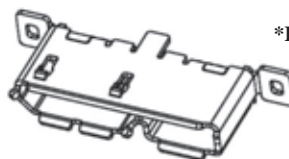
SPECIFICATIONS

- Current Rating: 1.8 Amperes
- Insulation Resistance: 100MΩ Min
- Dielectric Withstanding: 100V AC
- Contact Resistance: 30mΩ Max.
- Operating Temperature: -40°C to +85°C

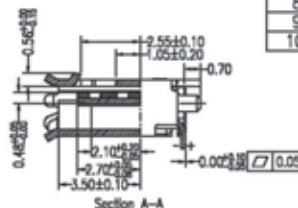
MATERIALS

- Housing: LCP, UL94V-0
- Contact: Phosphor Bronze
- Plating: Au Plating on Contact Area;
Au (Flash) Plating on Solder
Tail; Ni (50u" Min.) Underplating
overall

*RoHS & REACH compliant.



Pin No.	Signal Name
1	VBUS
2	D-
3	D+
4	ID
5	GND
6	MicB SSTX-
7	MicB SSTX+
8	GND DRAIN
9	MicB SSRX-
10	MicB SSRX+

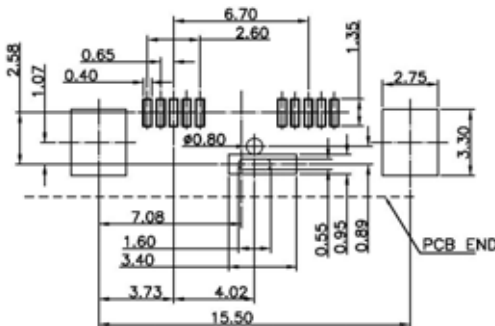
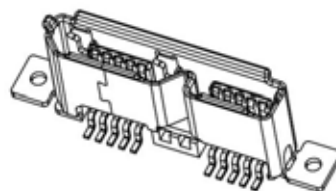
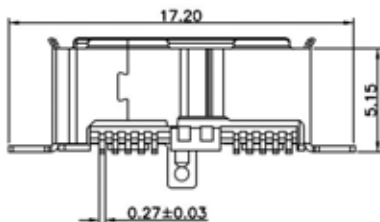
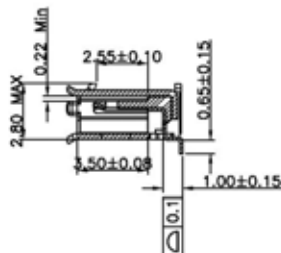
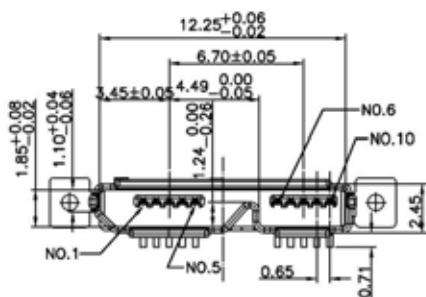
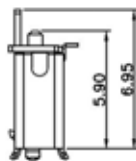
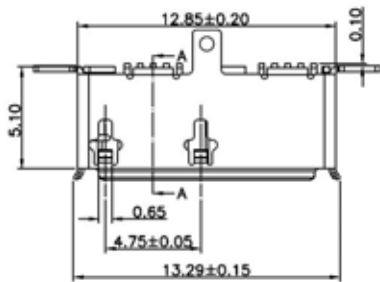


ORDERING INFORMATION:

P/N U R 3 F W - 1 0 $\frac{F}{1}$ $\frac{B}{2}$ $\frac{x}{3}$ $\frac{x}{4}$ - R

- CONNECTOR TYPE:
"F" FEMALE
- HOUSING COLOR:
"B" BLACK
- CONTACT FINISH:
"30" 30 MICROINCH GOLD
"15" 15 MICROINCH GOLD
"01" GOLD FLASH
- PACKAGE TYPE:
"R" TAPE & REEL

MICRO USB 3.0 B TYPE 10 PIN FEMALE CONNECTOR SMT TYPE WITH WING



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.8 Amperes
 Insulation Resistance: 100MΩ Min
 Dielectric Withstanding: 100V AC
 Contact Resistance: 30mΩ Max.
 Operating Temperature: -20°C to +105°C

MATERIALS

Housing: LCP, UL94V-0
 Contact: Brass
 Plating: Au Plating on Contact Area;
 Au (Flash) Plating on Solder Tail
 *RoHS & REACH compliant.

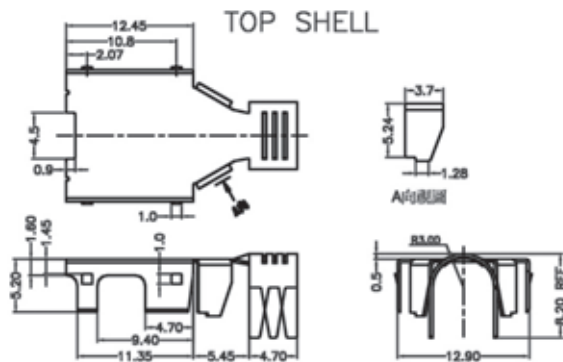
Pin Number	Signal Name
1	VBUS
2	D-
3	D+
4	D
5	GND
6	Mid_SSTX-
7	Mid_SSTX+
8	GND_SSHN
9	Mid_SSRX-
10	Mid_SSRX+
Shield	Shield

ORDERING INFORMATION:

P/N U R 3 F X - 1 0 $\frac{F}{1}$ $\frac{B}{2}$ $\frac{X}{3}$ X - $\frac{R}{4}$

- CONNECTOR TYPE:
"F" FEMALE
- HOUSING COLOR:
"B" BLACK
- CONTACT FINISH:
"01" GOLD FLASH
"05" 5 MICROINCH GOLD
"10" 10 MICROINCH GOLD
"15" 15 MICROINCH GOLD
"30" 30 MICROINCH GOLD
- PACKAGE TYPE:
"R" TAPE & REEL

MICRO USB 3.0 B TYPE 10 PIN MALE CONNECTOR CABLE SOLDER TYPE



SPECIFICATIONS

Current Rating: 1.8 AMP for Pin 1 & Pin 4

0.25 AMP for other Contacts

Voltage Rating: 30V

Insulation Resistance: 100MΩ Min

Dielectric Withstanding: 100V AC

Contact Resistance: 30mΩ Max for Pin 1 & Pin 4

50mΩ Max for Other Contact

Operating Temperature: -20°C to +85°C

MATERIALS

Housing & Cover: Thermopolymer, UL94V-0

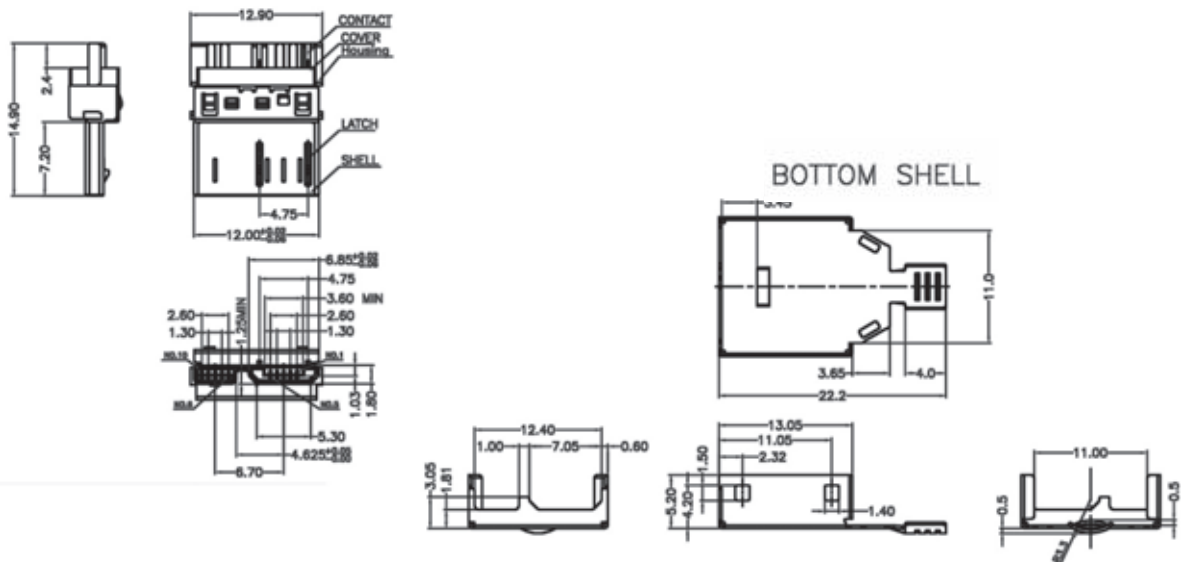
Shell & Latch: Stainless Steel

Contct: Copper Alloy, Gold Plating on Contact

Ti-Plating on Solder Tail Area

*RoHS & REACH compliant.

HOUSING & COVER & CONTACT & LATCH



ORDERING INFORMATION:

P/N U R 3 M B - $\frac{10 \text{ M B } \times \times}{1 \ 2 \ 3 \ 4}$

1. NO. OF CONTACTS:

10

2. CONNECTOR TYPE:

"M" MALE

3. INSULATOR COLOR:

"B" BLACK

4. CONTACT FINISH:

"30" 30 MICROINCH GOLD

"15" 15 MICROINCH GOLD