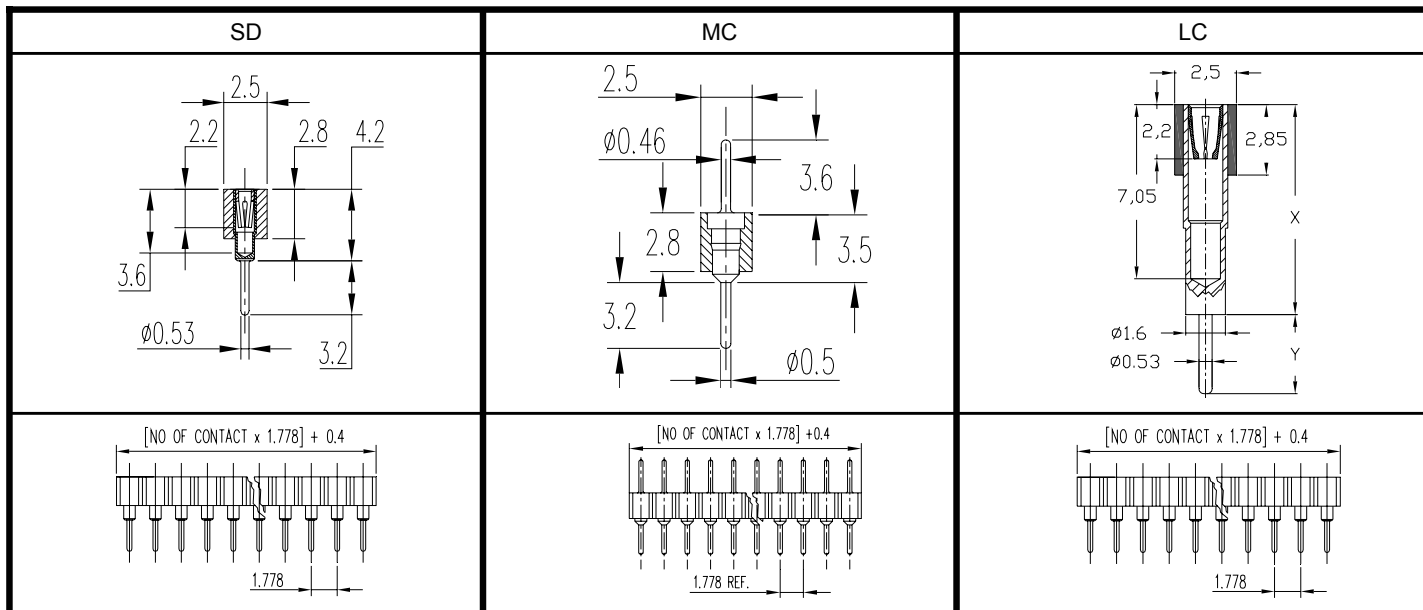
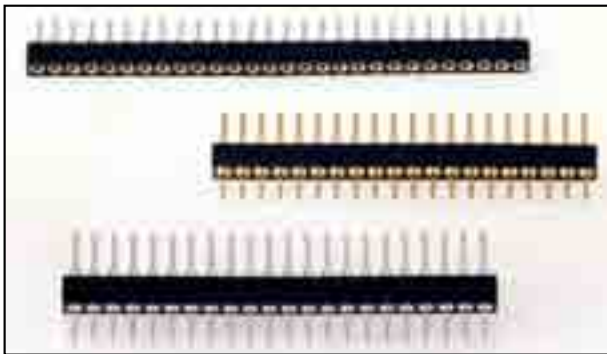


SERIES 2700

SIP / Sockets and Headers /

Shrinkspip 1.778 spacing solder tail / Breakable



Pin style		SD / MC / LC
Plating sleeve (pin)		5.0µm Tin
Plating contact (clip)		Au 24c flash
TYPE	NP Nbr PIN	ORDERING NUMBERS
SD	21 38 (*1)	2700.NP.SP.F.0
MC	21 38 (*1)	2700.NP.SP.F
LC	21 38 (*1)	2700.NP.SP.F.0.LP
*1) Availability from 1 to 38 contacts		

SP	LC	
PIN LENGTH X	8.5mm	10.0mm
PIN LENGTH Y	3.2mm	4.0mm

PLATING OPTIONS

Sleeve (pin), change letter F (5.0µm standard Tin) by:

- .C 0.25µm gold plating
- .O gold flash
- .D tin / lead non-RoHS

Contact (clip), change suffix 0 (standard Au 24c flash) by:

- .1 0.25µm average Au
- .4 0.75µm minimum 24c Au (MIL STD)
- .6 5.0µm tin
- .00 5.0µm tin / lead non-RoHS

TECHNICAL DATA

Temperature range -55°C to +125°C

Insulator body Glass filled thermoplastic polyester, self-extinguishing, rated UL94V-0
 PCT = high temperature
 Example: 2700H32.SD.F.0

Outer shell (sleeve) Screw machined Brass CuZn36Pb3 (C36000)

Inner spring contact SC4 Stamped and formed BeCu (C17200) gold or tin plated, accepts Ø0.40-0.56 or rectangular pin 0.25 x 0.45

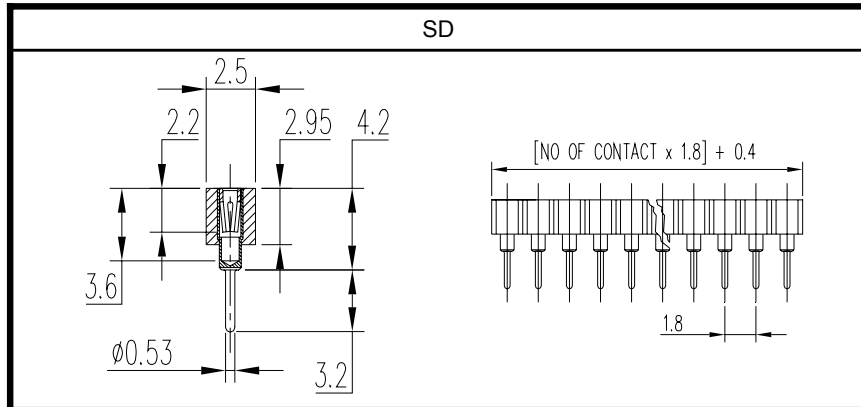
Standard SC4	
Insertion	320g max.
Extraction	50g min.

ELECTRICAL DATA

Rated current	1A
Maxi working voltage	100V _{RMS} / 150 V _{dc}
Contact resistance	10 mΩ max
Dielectric strength	1000 V _{RMS} min

SERIES 2800

SIP / Sockets / Shrink SIP 1.8 spacing solder tail / Breakable



Pin style		SD
Plating sleeve (pin)		5.0µm Tin
Plating contact (clip)		Au 24c flash
TYPE	NP Nbr PIN	ORDERING NUMBERS
2800	42 (*1)	2800.NP.SP.F.0
*1) Availability from 1 to 42 contacts		

PLATING OPTIONS	
Sleeve (pin), change letter F (5.0µm standard Tin) by:	
➤ .C	0.25µm gold plating
➤ .O	gold flash
➤ .D	tin / lead non-RoHS
Contact (clip), change suffix 0 (standard Au 24c flash) by:	
➤ .1	0.25µm average Au
➤ .4	0.75µm minimum 24c Au (MIL STD)
➤ .6	5.0µm tin
➤ .00	5.0µm tin / lead non-RoHS

TECHNICAL DATA							
Temperature range	-55°C to +125°C						
Insulator body	Glass filled thermoplastic polyester, self-extinguishing, rated UL94V-0 PCT = high temperature Example: 2800H32.SD.F.0						
Outer shell (sleeve)	Screw machined Brass CuZn36Pb3 (C36000)						
Inner spring contact SC4	Stamped and formed BeCu (C17200) gold or tin plated, accepts Ø0.40-0.56 or rectangular pin 0.25 x 0.45						
<table border="1"> <thead> <tr> <th colspan="2">Standard SC4</th> </tr> </thead> <tbody> <tr> <td>Insertion</td> <td>320g max.</td> </tr> <tr> <td>Extraction</td> <td>50g min.</td> </tr> </tbody> </table>		Standard SC4		Insertion	320g max.	Extraction	50g min.
Standard SC4							
Insertion	320g max.						
Extraction	50g min.						
ELECTRICAL DATA							
Rated current	1A						
Maxi working voltage	100V _{RMS} / 150 V _{dc}						
Contact resistance	10 mΩ max						
Dielectric strength	1000 V _{RMS} min						

Standard SIP

2002 . NP . SP . F . 0 . LP

Series.
For insulator without center bar
replace 0 by 1 at the serie n° end.

.	Standard
A	Automatic (Only with pin CC)
H	High temperature insulator
HA	High temperature Automatic ass.

Number of pins

Type of contacts

For pitch x2, x3,x4, or other pitch:
Example: 2002H20.CL4F.0 (2.54X4=10.16)

Available with Positioning options (see GUIDE AND PAD description page 29)

Length code
(only for series for those is needed)

Clip plating option

.	Standard on catalog page
A	SC4
B	SC6.VLI
C	SC6.065
?	Etc.

Pin plating option

Custom SIP

2002 . NP / 16 . SP . F . 0 . LP

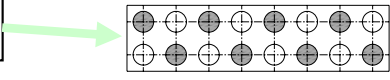
Series
For insulator without center bar
replace 0 by 1 at the serie n°"

.	Standard
A	Automatic (Only with pin CC)
H	High temperature
HA	High temperature Automatic

Number of pins

/ = first version, B,C,... next versions

Number of positions
2022.8/16.CC.F.0



Type of contacts

Length code
(only for series for those is needed)

Clip plating option

.	Standard on catalog page
A	SC4
B	SC6.VLI
?	Etc.

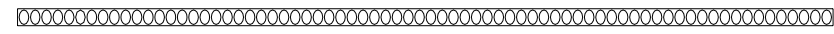
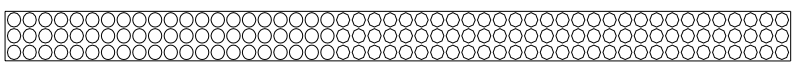
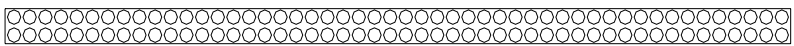
Pin plating option

For pitch x2, x3,x4, or other pitch:
Example: 2002H20/16.LT2F.0 (2.54X2=5.08)

Available with Positioning options (see GUIDE AND PAD description page 29)

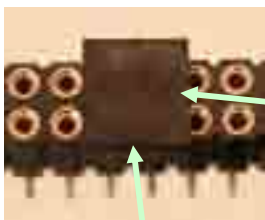
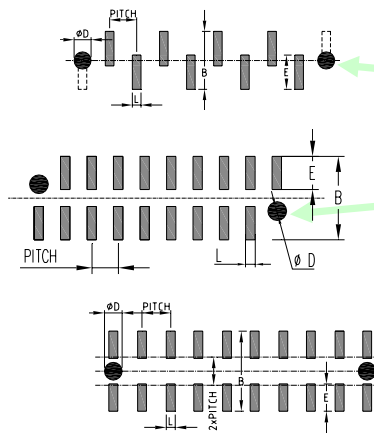
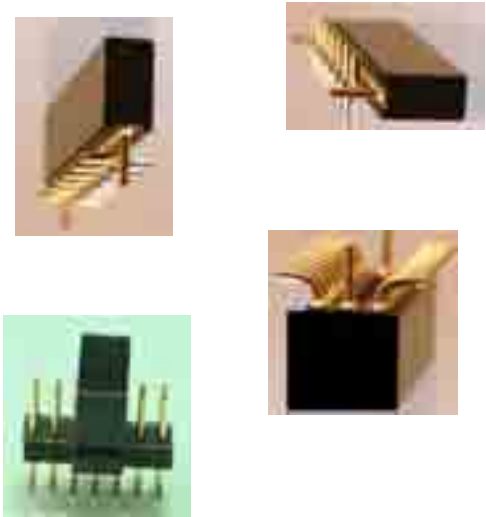
To order a special SIP

Customer				Series	
Address				Type of construction	
ZIP		City		Number of pins	
Country				Number of positions	
Phone				Type of contact (can be yours)	
Fax				Pin plating option	
E-mail				Type of clip (can be yours)	
SIP				Clip plating option	
				Length code (if requested)	



Fill in the holes where you want the contacts. If your request isn't standard, please send us a detailed drawing. For the very specific design, insulator is made in Epoxy.

Guide and Pad option



Width

Length



PACKAGING OPTIONS

Box	Standard Example: 4002HNP.FH.SMV.F.0
Tape & Reel	Change the dash after NP into B Example: 4002HNPPBFH.SMV.F.0
Tube	Change the dash after NP into T Example: 4002HNPTFH.SMV.F.0
Tray	Change the dash after NP into R Example: 4002HNPRFH.SMV.F.0

Please consult customer service for availability

POSITIONING CONTACT

For single row, the first and the last pin are not bent (positioning guide) but counted as contacts.

Series 2001, 4001, 2002, 4002, etc

For double row, the first and the last pin are not bent (positioning guide) but counted as contacts.

Series 2011, 4011, 2022, 4022, etc

POSITIONING PIN

For double rows (2x pitch), the guides are not counted as contacts.

Guide Series 4042 in surface mount version.

Other series with these options upon request.

Add letter P before NP

Example: 4002HPNP.FH.SMV.F.0

POSITIONING PEGS

Available for serie 2001, version PFH.SMH

PICK & PLACE

Pad Place letter P between Np and B (or T or SP)

Example: 4002HNPPBFH.SMV.F.0

For pick and place function, a pad is added in the middle of the socket.

Dimensions	Length	Width
Serie 2001	6.5 10	5 5
Serie 2011	6	6
Serie 4002	6.02	4.4
Serie 4022	7.97	4.4
Serie 4042	7.97	4.4