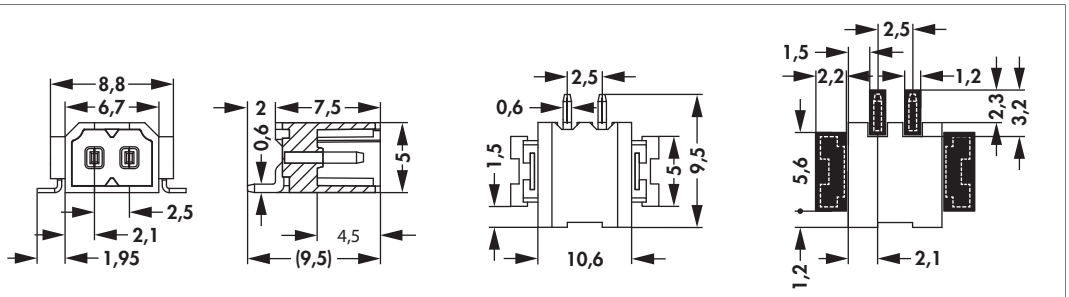
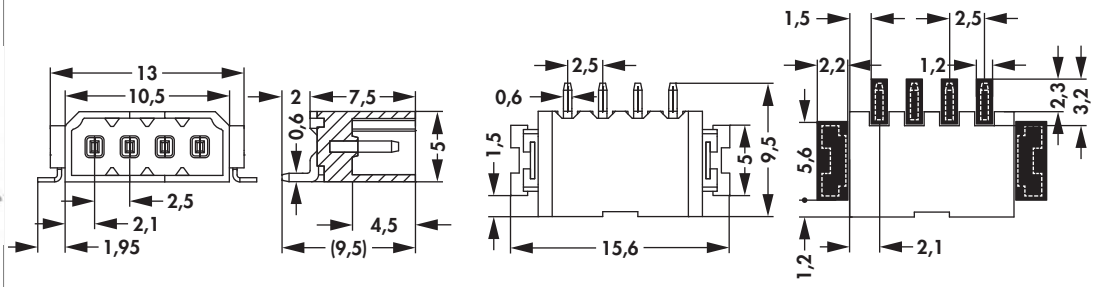
Male headers

PCB connector for LED inline modules

– for SMD-soldering technology
– suitable for SMD soldering processes
– simple and save connection assembly
– long life-cycle due to advanced contact geometries and surfaces
– **type of packing: tape and reel (TR) 600 pcs. / tape**



art. no.	no. of contacts
SL 40 SMD 2 LED TR	2



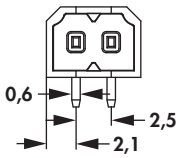
art. no.	no. of contacts
SL 40 SMD 4 LED TR	4

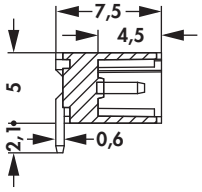
surface of contact:	tin-plated
soldering section:	tin-plated
color plug housing:	white

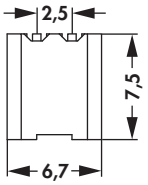
Male headers

PCB connector for LED-inline modules

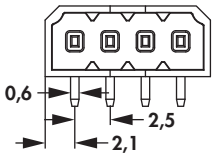
– for soldering technology (THT)
– suitable for SMD soldering processes
– simple and save connection assembly
– long life-cycle due to advanced contact geometries and surfaces
– **type of packing: tape and reel (TR) 500 pcs. / tape**

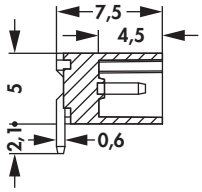


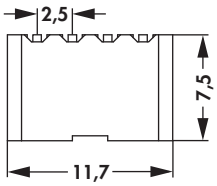




art. no.	no. of contacts
SL 41 THR 2 LED TR	2







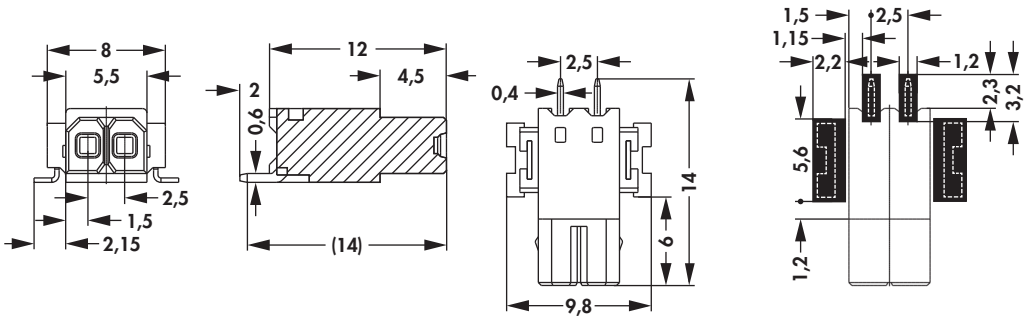
art. no.	no. of contacts
SL 41 THR 4 LED TR	4

surface of contact:	tin-plated
soldering section:	tin-plated
color plug housing:	white

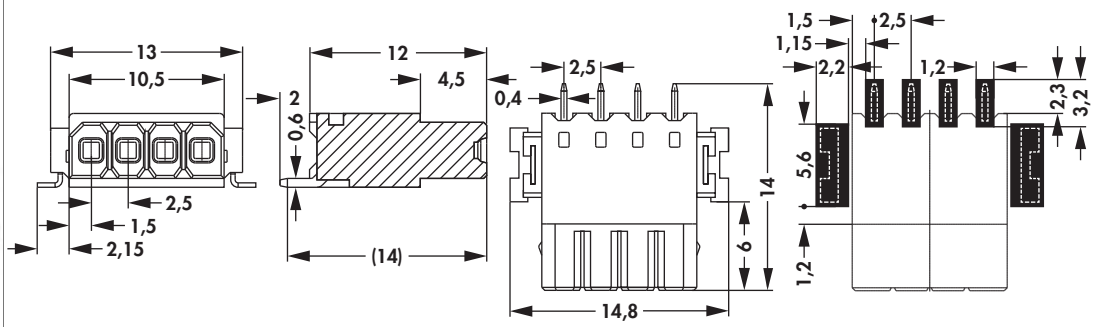
Female headers

PCB connector for LED-inline modules

- for SMD-soldering technology
- suitable for SMD soldering processes
- simple and save connection assembly
- long life-cycle due to advanced contact geometries and surfaces
- **type of packing: tape and reel (TR) 500 pcs. / tape**



art. no.	no. of contacts
BL 40 SMD 2 LED TR	2

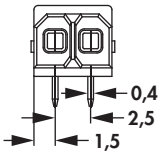


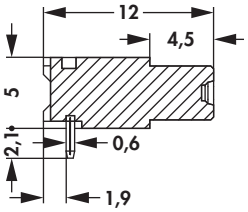
art. no.	no. of contacts
BL 40 SMD 4 LED TR	4

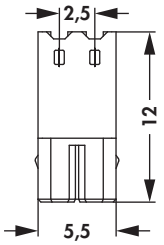
surface of contact:	tin-plated
soldering section:	tin-plated
color plug housing:	white

PCB connector for LED-inline modules

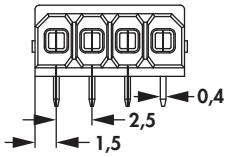
- for soldering technology (THT)
- suitable for SMD soldering processes
- simple and save connection assembly
- long life-cycle due to advanced contact geometries and surfaces
- **type of packing: tape and reel (TR) 500 pcs. / tape**

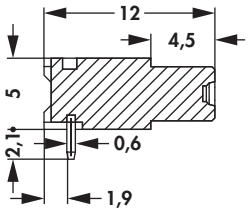


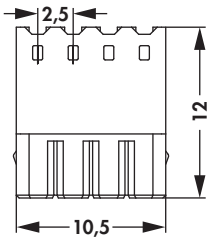




art. no.	no. of contacts
BL 41 THR 2 LED TR	2







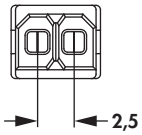
art. no.	no. of contacts
BL 41 THR 4 LED TR	4

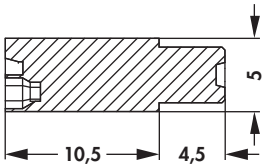
surface of contact:	tin-plated
soldering section:	tin-plated
color plug housing:	white

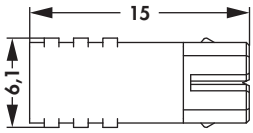
Female headers

Plug-in connector for power supply of LED inline modules

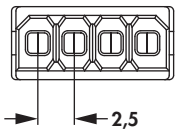
– cable connection for different types
– for power supply of LED inline modules
– simple and save connection assembly
– long life-cycle due to advanced contact geometries and surfaces
– **type of packing: loose, in a carton**

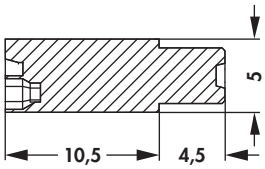


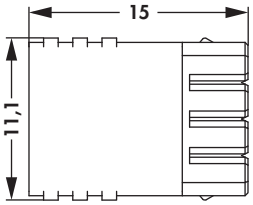




art. no.	no. of contacts
BL 42 RDK 2 LED	2







art. no.	no. of contacts
BL 42 RDK 4 LED	4

surface of contact:	tin-plated
soldering section:	tin-plated
color plug housing:	white
cross section, rigid:	0,14 mm^2...0,5 mm^2
cross section, flexible:	0,2 mm^2...0,5 mm^2
cross-section:	AWG 24...20
cross section core and sleeve (without plastic bush):	0,25 mm^2...0,5 mm^2

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Technical data PCB connectors

	SL LP ...	MK 17/217 ...	BL 40 SMD... LED TR, BL 41 THR ... LED TR, BL 42 RDK ... LED, SL 40 SMD ... LED TR, SL 41 THR ... LED TR
contact material	CuSn alloy	CuZn-alloy	Cu-alloy
surface contact / contact sleeve	Ni+≥0.2µm Au/ Ni+4...6µm Sn	Ni+4...6µm Sn	
surface contact area			Sn 4-8 µm
surface soldering area			Ni 1,3-3 µm/ Ni 3-5 µm
surface solder housing			Ni 1,3-3 µm/ Ni 3-5 µm
inner contact spring material		CuBe-alloy	
inner contact spring surface		Ni+0,75µm Au	
type internal spring		4-fingers	
plugability for circuit points		□0,22x0,25mm... □0,4x0,55mm/ ∅0,4...0,56mm	□0,6
insert depth		2.5...3.6mm	4,5mm
insertion / drawing force		1.8 N/1.4 N	5N/4N
shock resistance		50 g	
volume resistance	≤5 mΩ	≤10 mΩ	3 mΩ
vibration resistance max.		15 g	
capacity between two adjacent contacts		≤0,4 pF	
nominal current	3 A	1.5 A	6 A
nominal voltage	250 V AC	60 V DC	160 V DC
test voltage	2000 V	1000 V	
insulating body material	PA 4.6. GF		PA, white
temperature range	-40°C... +163°C/ (260°C/10 s)		-40°C... +70°C
class of flammibility	UL 94 V-0		
specific insulation resistance	$>10^7$ Ω·m		
creeping current resistance			CTI 600