

Data sheet Product SL 11 SMD 052 20 G B SM



PCB connectors>Male headers

□ 0.635 mm

... packing (option) - additions:

SL 11 SMD 040-104 ... SM; ... B SM: 6-40 contacts

SL 11 SMD 040-062 ... B TR: 26-40 contacts, 250 pcs/reel

SL 11 SMD 040-078 ... B TR: 6-24 contacts, **250 pcs/reel**

SL 11 SMD 104-130 ... B TR: 6-24 **contacts**, 150 pcs/reel

Features

pitch:	2.54 x 2.54 mm
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no. of contacts:	20
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contact material:	CuSn-alloy
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surface of contact:	gold-plated
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surface contact / contact sleeve:	• Ni+≥0.2µm Au • Ni+4...6µm Sn
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version:	male header
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volume resistance:	≤5 mΩ
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nominal current:	3 A
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nominal voltage:	250 V AC
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test voltage:	2000 V
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insulating body material:	PA 4.6. GF
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temperature range:	• -40°C... +163°C • (260°C/10 s)
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class of inflammability:	UL 94 V-0
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specific insulation resistance:	>10 ⁷ Ω·m
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connection type:	SMD
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reflow solderable:	yes
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pick and place pad and bar magazine

Figure 1 consists of three technical drawings of test specimens, labeled (a), (b), and (c). Each drawing shows a side view of a specimen with a central base and multiple vertical pins or rods extending upwards. Drawing (a) shows a specimen with a central base of width 2,8 mm and a total width of 2,54 mm. The spacing between the pins is labeled as $n/2 \times 2,54$. Drawing (b) shows a specimen with a central base of width 8,5 mm and a total width of 2,54 mm. The spacing between the pins is labeled as 5 mm. Drawing (c) shows a specimen with a central base of width 3,4 mm and a total width of 2,54 mm. The spacing between the pins is labeled as 2,54 mm. All drawings include a 'Pin 1' label and a 'C' label indicating a specific dimension or feature.

S: 4.0 mm

Technical drawings of various electronic components and their dimensions:

- SM and B SM components:**
 - Top view of a component with dimensions: 8,5, 6, 5,3, 1,3, 7,5, 3,4, 8,5, 2,54, C, 7,8.
 - Side view of a component with dimensions: 17,5, 13,3.
 - Side view of a component with dimensions: 17,5, 13,3.
- SL 11 SMD ... SM and SL 11 SMD ... B SM components:**
 - Top view of a component with dimensions: 16, 13,8, 4, 44, Ø 2, 40,4, Ø 1,5, 4.
 - Side view of a component with dimensions: 11,9, 72, Ø 2, 68,4, 4.
- SL 11 SMD 040-062 ... 6-24 ... B TR component:**
 - Top view of a component with dimensions: 16, 13,1, 4, 44, Ø 2, 40,4, Ø 1,5, 4.
 - Side view of a component with dimensions: 19,1, 44, 40,4, Ø 2, 4.
- SL 11 SMD 040-062 ... 26-40 ... B TR component:**
 - Top view of a component with dimensions: 16, 20, 19,1, 44, 40,4, Ø 2, 4.
 - Side view of a component with dimensions: 19,1, 44, 40,4, Ø 2, 4.
- SL 11 SMD 078 ... B TR component:**
 - Top view of a component with dimensions: 16, 13,1, 4, 44, Ø 2, 40,4, Ø 1,5, 4.
 - Side view of a component with dimensions: 19,1, 44, 40,4, Ø 2, 4.
- SL 11 SMD 104-130 ... 6-24 ... B TR component:**
 - Top view of a component with dimensions: 16, 13,1, 4, 44, Ø 2, 40,4, Ø 1,5, 4.
 - Side view of a component with dimensions: 19,1, 44, 40,4, Ø 2, 4.