

Data sheet Product SL 11 SMD 052 22 Z 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:	22
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contact material:	CuSn-alloy
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surface of contact:	tin-plated
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surface contact / contact sleeve:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • -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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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. Dimensions are indicated with arrows and numerical values.

- (a) Dimensions of the specimen with $n/2 \times 2,54$ mm spacing:** The base has a width of 2,8 mm. The pins are spaced at $n/2 \times 2,54$ mm. The height of the pins is 2,54 mm. The total height of the specimen is 0,635 mm. The pins are labeled "Pin 1".
- (b) Dimensions of the specimen with 8,5 mm spacing:** The base has a width of 8,5 mm. The pins are spaced at 8,5 mm. The height of the pins is 2,54 mm. The total height of the specimen is 3,4 mm. The pins are labeled "Pin 1".
- (c) Dimensions of the specimen with 2,54 mm spacing:** The base has a width of 2,54 mm. The pins are spaced at 2,54 mm. The height of the pins is 2,54 mm. The total height of the specimen is 3,4 mm. The pins are labeled "Pin 1".

S: 4.0 mm

Technical drawings of various electronic components and their dimensions:

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