

	SL 1-6, 10-22, SLK3+4, UM SL, SL LP1-4, LB SL	SLM W SLM N	BL 1 BL 3	BL 2 BL 4	BL 5-10, BL 15-17, BL 20	BL 11	BL 12	BL 21
Contact material: shell	CuSn-alloy	CuZn-alloy	CuSn-alloy	CuZn-alloy	CuSn-alloy			
Contact surface of the shell: gold/tin	Ni+0,2 µm Au (thicker gold platings on request), Ni+6 µm Sn				tin only: Ni+6 µm Sn	selective: Ni+0,2 µm Au tin: Ni+4 µm Sn		
Contact spring: material/surface	slotted contact: see above			CuBe-alloy Ni+ 0,75µmAu	spring contact: see above			
Transition resistance:	≤ 5 mOhm		≤ 10 mOhm		≤ 20 mOhm			
Shock resistance:				50 g				
Vibration resistance max.:				15 g				
Capacity between two adjacent contacts:			≤ 0,9 pF	≤ 0,3 pF	≤ 0,9 pF			
Current rating:	3 A	1,5 A	3 A					
Nominal voltage:	250 V AC	125 V AC		100 V AC 150 V DC	250 V AC			
Test voltage:	2000 V	500 V	1500 V		500 V			
Insulator: material	PA 4.6, GF		poly-sulfone, GF	PPS, GF	PA 4.6, GF	PA 4.6, GF	polyester, GF	
Temperature range:	-40 °C ... +163 °C (+260 °C/1 min.)		-40 °C ... +160 °C	-40 °C ... +200 °C (+260 °C /1 min.)	-40 °C ... +163 °C (+260 °C/1 min.)		-40 °C ... +105 °C	
Flammability class:	UL 94 V-0							
Insulation resistance:	> 10 ¹² Ohm						> 5000 mOhm	
Plugability for pins:			<input type="checkbox"/> 0,36x 0,36 mm to <input type="checkbox"/> 0,72x0,72 mm	<input type="checkbox"/> 0,55x 0,55 mm to <input type="checkbox"/> 0,65x0,65 mm Ø0,65...0,85 mm	<input type="checkbox"/> 0,6 ... 0,65 mm			
Insertion depth for pins:			1,2 ... 5 mm	2,5 ... 6 mm	from top: min. 5 mm from below: max. 10 mm	from top: min. 6 mm from below: max. 8 mm		
Insertion/Extraction, type:	holding force: > 7 N	holding force: > 3 N	fork: 1,5 N/1,3 N	6-fingers: 1,27 N/ 0,3 N	1,5 N/0,5 N			

Fem. head. .1" sold., put through → G 30
Shroud male head./press fit mount. → G 45
Male headers .05" SMD → G 63
Technical data → G 72 - 76

High-prec. male head. sold. techn. → G 3 - 7
Design specification for male headers → G 15
Single contacts metal strip → G 28
Special male & female headers → G 19

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