

# Technical data sockets

	C, DIL, DILS, PF, PK, PQ, SK, PEK
Contact material: shell	brass
Contact shell surface: gold/tin	Ni + 0,2 µm Au / Ni + 5 µm Sn solderability DIN 40046
Contact spring: material/surface	beryllium Cu 1,3 - 3 µm Ni + 0,75 µm Au
Contact resistance:	≤ 4 mOhm
Contact resistance after 1000 cycles:	≤ 7 mOhm
Transition resistance:	≤ 10 mOhm
Shock resistance:	50 g
Vibration resistance max.:	15 g
Capacity between two adjacent contacts:	≤ 0,4 pF
Current rating:	1,5 A
Nominal voltage:	60 V DC
Test voltage:	
Insulator: material	polysulfone, GF
Temperature range:	-65 °C ... +180 °C (10 sec. 260° C)
Flammability class:	UL 94 V-0
Insulation resistance:	> 10 <sup>13</sup> Ohm
Plugability for pins:	0,22 x 0,25 mm to 0,4 x 0,55 mm/ Ø 0,4 ... 0,56 mm
Insertion depth for pins:	2,5 ... 3,6 mm
Insertion/ extraction force, type:	4-clip contact 1,8 N / 1,4 N 6-clip contact 0,74 N / 0,52 N