



<b>mechanical data</b>	
Mating force per contact	≤ 3,2 N
Unmating force per contact	≥ 0,7 N
Temperature range	-55° C to +105° C
Moisture absorption from air 50% rh	0,10%
IDC Connector types accept AWG 26 or AWG 28 standard wire	

<b>materials and plating</b>	
Insulator	thermoplastic glassfilled UL 94V - 0
Shell	steel
- plating	tin (leadfree)
Spring latch	stainless-steel
Male contact	phosphor bronze
- plating (tin leadfree)	-95 = solder side Sn; contact side Au over Ni -55 = solder and contact side Au over Ni
Female contact	phosphor bronze
- plating (tin leadfree)	-95 = solder side Sn; contact side Au over Ni -55 = solder and contact side Au over Ni

<b>electrical data</b>	
max. Current rating	5 A
Operating voltage	250 V
Test voltage between contacts	1000 V / 50/60 Hz / 1 min
Test voltage between shell and contacts	1000 V / 50/60 Hz / 1 min
Contact resistance	25 mΩ max. mated
Insulation resistance	1000 MΩ min. at 500V DC
Dielectric withstanding voltage	1000 V AC rms. for one Minute