

mechanical data

Mating force per contact	$\leq 3,2 \text{ N}$
Unmating force per contact	$\geq 0,7 \text{ N}$
Temperature range	-55° C to $+105^{\circ} \text{ C}$
Moisture absorption from air 50% rh	0,10%

IDC Connector types accept AWG 26 or AWG 28 standard wire

materials and plating

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

electrical data

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 m Ω max. mated
Insulation resistance	1000 M Ω min. at 500V DC
Dielectric withstanding voltage	1000 V AC rms. for one Minute