

# CS4F-AG

Speaker Connectors

Electrical	
Rated current per contact	30 A rms continuous
Contact resistance - initial	< 2.0 mΩ
- after lifetime	< 3.0 mΩ
Insulation resistance - initial	> 1 GΩ
- after damp heat test	> 0.1 GΩ
Dielectric strength Contact-Contact	> 4.0 kV dc
Rated insulation voltage	250 V
Warning	Shall NOT be used as AC mains connector!

Mechanical	
Lifetime	> 1'000 mating cycles
Mating torque	< 0.5 Nm
Retention force	> 250 N
Unmating torque	> 3.0 Nm
Lateral load capacity	> 8.0 Nm
Strain relief force	> 160 N
Cable O.D. range	6.0 - 10.0 mm
Wiring type	Screw type terminals or soldering wire
Max. wire size	4 mm <sup>2</sup> / AWG 12
Locking device	Quick Lock

Material	
Shell (housing)	Nylon
Insert	PBT
Contacts	Brass
Contact plating	Silver
Latch lock	Zinc diecast
Latch lock plating	Nickel
Strain relief (chuck)	POM
Bushing	Nylon

Environmental	
Operating temperature	-30 °C to +80 °C
Approvals	UL, CSA
Flammability	UL 94 HB
Solderability	Complies with IEC 68-2-20