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Summary

Request a quote

Catalog

Customer Drawing

Number of contacts Low Voltage	10
Nb of contacts Coax	6
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	15.60 - 17.50 mm
Size	5B
Suggested matching part	EGG.5B.892.CNL5 PHG.5B.892.CNLD175
Series	B - Indoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	10
Contact Termination Low voltage	Solder
Nb of contacts Coax	6
Contact Termination Coax - Conductor fixing	Solder
Contact Termination Coax – Screen fixing	Crimp
Insert configuration value	5B.892 - 6 Coax (75 Ohm), 10 Low V.
Insulator	N: PBT (discontinued)
Rated current	7 A
Impedance	75 Ohms
Test voltage (kV DC)	1
Cable type	RG 59 B/U
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material

Shell style / Model id	FG - Straight plug, cable collet
Plug	Straight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	331.55 g

Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
Climatical Category	55/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	15.60 - 17.50 mm

Recommended By Lemo

Accessories

Compatible cap	BFG.5B.100.NAS

Tools

Coax Tool	DCB.91.685.8TN
Die Tool	DPE.99.006.2K