Image for illustrative purpose only

Summary

Request a quote

Catalog

Number of contacts Low Voltage	9
Wire Size/AWG	34 - 28
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.30 - 4.20 mm
Size	0B
Suggested matching part	FGG.0B.309.CLAD42
Series	B - Indoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	9
Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	0B.309 - 9 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2.5 A
Vtest (contact-contact)	1.1 kV (DC)
Vtest (contact-shell)	1.6 kV (DC)
Max. Solid Conductor	0.09 mm^2 (AWG 28)
Max. Stranded Conductor	0.09 mm^2 (AWG 28)
Bucket Dia.	0.45 mm (0.018in)
Contact Dia.	0.5 mm (0.02in)
Wire Size/AWG	34 - 28
Gender	Standard

Form & Material

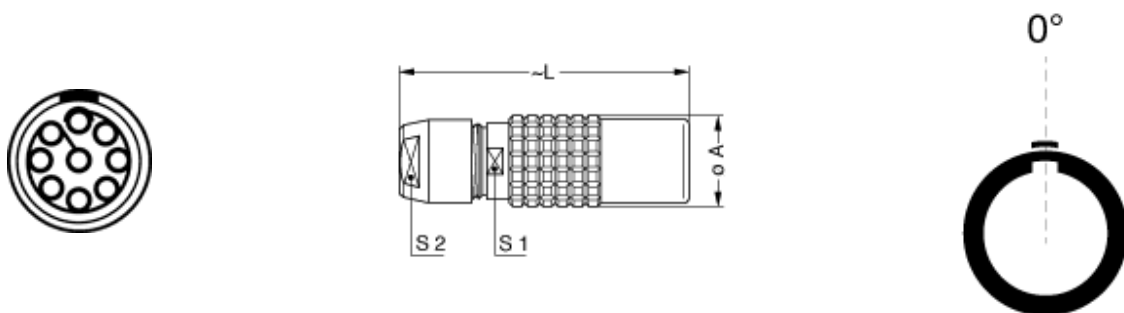|	
Shell style / Model id	PH - Free receptacle, cable collet
Socket / Receptacle	Free
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts,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

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	50/175/21
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]	3.30 - 4.20 mm

Drawings

Dimensions

	A	L	S2	S1
mm.	9.5	35.5	7	8
in.	0.37	1.4	0.28	0.31

Recommended By Lemo

Accessories

Compatible cap	BRF.0S.200.NAS

Tools

Spanner	DCP.91.001.TN
Spanner wrench	DCD.0B.ZZZ.PA070