Image for illustrative purpose only

Summary

Request a quote

Number of contacts Low Voltage	10
Number of contacts High Voltage	2
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	9.30 - 10.00 mm
Size	3B
Suggested matching part	EGG.3B.740.CJL
Series	B - Indoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	10
Contact Termination Low voltage	Solder
Number of contacts High Voltage	2
Contact Termination High voltage	Solder
Insert configuration value	3B.740 - 2 High V. 10 Low V.
Insulator	J: PEEK/PEEK
Rated current	3 A
Rear of connector must be protected	ATUM
Test voltage HV Ue (kV rms)	17.1
Working voltage LV Ue (kV rms)	0.2
Air clearance	12.7 mm
Contact Dia.	0.7
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	45.13 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	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]	9.30 - 10.00 mm

Recommended By Lemo

Accessories

Compatible cap	BFG.3B.112.NAS

Tools

Spanner	DCP.91.023.TN
Spanner wrench	DCD.3B.ZZZ.PA140