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Summary

Request a quote

Catalog

Number of contacts Low Voltage	3
Wire Size/AWG	24 - 16
Gender	Reverse Gender
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.10 - 6.50 mm
Size	2T
Suggested matching part	EGJ.2T.303.CLA
Series	T - Small Outdoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	3
Contact Termination Low voltage	Solder
R (max)	3.5 mOhm
Insert configuration value	T.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	17 A
Vtest (contact-contact)	3.5 kV (DC)
Vtest (contact-shell)	2.6 kV (DC)
Max. Solid Conductor	1 mm^2 (AWG 16)
Max. Stranded Conductor	1 mm^2 (AWG 18)
Bucket Dia.	1.4 mm (0.055in)
Contact Dia.	1.6 mm (0.063in)
Wire Size/AWG	24 - 16
Gender	Reverse Gender

Form & Material

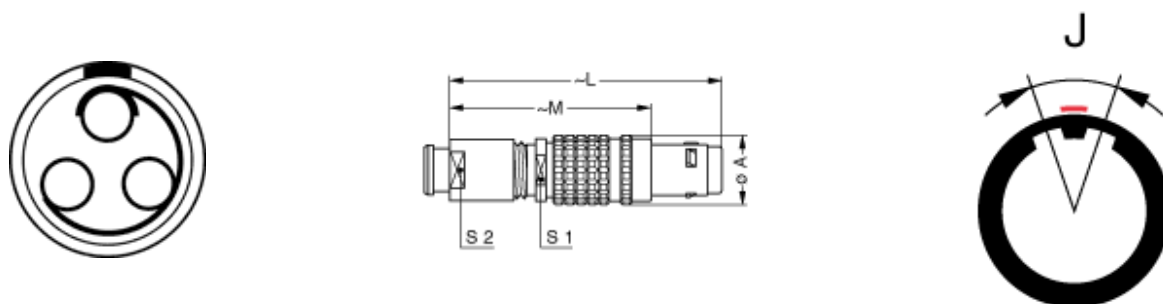|	
Shell style / Model id	FG - Straight plug, cable collet and nut for fitting a bend relief
Plug	Straight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	J: 2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)
Colour	Grey
Weight	33.08 g

Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	>3000 mating cycles
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Resistance to vibration	15 g [10 Hz - 2000 Hz]
Shock Resistance	100 g [6 ms]
Salt Spray Corrosion	>1000 hr

Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.10 - 6.50 mm

Drawings

Dimensions

	A	L	M	S1	S2
mm.	15	54	42	14	12
in.	0.59	2.13	1.65	0.55	0.47

Recommended By Lemo

Accessories

Compatible cap	BFG.2T.100.CAS

Cables

Cable PartNumber	Material	Colour	Cable image
230750	PVC	Grey	