FGG.00.302.CLAD35Z

Image for illustrative purpose only

Summary

Request a quote

Catalog

Number of contacts Low Voltage	2
Wire Size/AWG	34 - 28
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.80 - 3.50 mm
Size	00
Suggested matching part	EGG.00.302.CLL EZG.00.302.NLN
Series	B - Indoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	2
Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	0.302 - 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	4 A
Vtest (contact-contact)	1.4 kV (DC)
Vtest (contact-shell)	1.4 kV (DC)
Max. Solid Conductor	0.09 mm² (AWG 28)
Max. Stranded Conductor	0.05 mm² (AWG 30)
Bucket Dia.	0.4 mm (0.016in)
Contact Dia.	0.5 mm (0.02in)
Wire Size/AWG	34 - 28
Gender	Standard

Form & Material

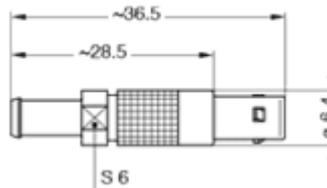|	
Shell style / Model id	FG - Straight plug, cable collet and nut for fitting a bend relief
Plug	Straight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Nut for fitting a bend relief
Weight	3.93 g

Environment

Environmental sealing (IP rating)	IP50
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	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	2.80 - 3.50 mm

Drawings

Dimensions

	A	S2	L	M	S1
mm.	6.4	6	28.5	20.7	5.5
in.	0.25	0.24	1.12	0.81	0.22

Recommended By Lemo

Accessories

Compatible cap	BFG.00.100.PCSG

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.02.T28.030PGCE	PVC	GREY	
CMN.02.T28.030PGZE		grey	
CMN.02.T28.030PNCE	PVC	Black	
CMN.02.T28.030PNZE			
2080	PVC	Grey	