



## FGG.1B.307.CLAD52Z

### MECHANICAL DETAILS

Shell Style Model	FG* : Straight plug cable collet and nut for fitting a bend relief
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	4.3 - 5.2 mm
Variant 2	Z : Nut for fitting a bend relief

	A	L	M	S1	S2
Mm.	12	42	31	10	9
In.	0.47	1.65	1.22	0.39	0.35

### PERFORMANCE DETAIL

Insert	1B.307 : 7 Low Voltage
Insulator	L: PEEK
Specifications	
Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	0.7 mm (0.028in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Stranded	0.34 mm <sup>2</sup> (AWG 22)
Max. Conductor:	0.34 mm <sup>2</sup> (AWG 22)
R (max):	6.1 mOhm

### OTHER CHARACTERISTICS

Shell Style/Model	Libellé
Temp (min)	-55°C
Temp (max)	+250°C
Humidity (max):	<=95% [at 60 deg C /140 F]
Vibration:	15 g [10 Hz - 2000 Hz]
Shock Resistance:	100 g [ 6 ms]
Salt Spray	>144 hr
Climatical	50/175/21
Shielding (min):	75 dB (10 MHz)
Shielding (min):	40 dB (1 GHz)
IP Rating	50



### Available Download



unipole\_multipole.pdf

### Related links

- [Contact](#)
- [Quote Request](#)
- [Catalogs Downloads](#)
- [Catalogs Requests](#)
- [Sample Request](#)
- [3D drawings](#)