

SUMMARY

Wires

Low	7
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0
Material	Brass



Series	
Termination type	Male solder
IP rating	50
Cable Ø (mm)	5.30 - 5.60
Wire size / AWG	28.00 - 28.00

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FM*: Elbow plug, cable collet and lanyard release, long key
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	: 5.3 - 5.6 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	0B.307 : 7 Low Voltage
Insulator	L: PEEK
Rated Current	2.5

Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	0.5 mm (0.02in)
Bucket Dia.:	0.45 mm (0.018in)
Max. Solid Conductor:	0.09 mm ² (AWG 28)
Max. Stranded Conductor:	0.09 mm ² (AWG 28)
R (max):	8.7 mOhm
Vtest (contact-shell):	700 V (AC), 990 V (DC)
Vtest (contact-contact):	800 V (AC), 1130 V (DC)

Others

Humidity (max):	<=95% [at 60 deg C / 140 F]
Vibration:	15 g [10 Hz - 2000 Hz]
Shock Resistance:	100 g [6 ms]

Salt Spray Corrosion: >144 hr
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	B	H	L	M	N	S1	S2	S3
mm.	11	17	26	31.6	21.6	140	10	7	8
in.	0.43	0.67	1.02	1.24	0.85	5.51	0.39	0.28	0.31

RECOMMENDED BY LEMO

Tools

None

Cables