

SUMMARY

Wires

Low	30
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0
Material	Brass



Series	3B
Termination type	Male solder
IP rating	50
Cable Ø (mm)	10.80 - 11.90
Wire size / AWG	24.00 - 24.00

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FH*: Elbow 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	D12: 10.8 - 11.9 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	3B.330 : 30 Low Voltage
Insulator	L: PEEK
Rated Current	3.5

Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	0.7 mm (0.028in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Stranded Conductor:	0.34 mm ² (AWG 22)
Max. Conductor:	0.34 mm ² (AWG 22)
R (max):	6.1 mOhm
Vtest (contact-shell):	700 V (AC), 990 V (DC)
Vtest (contact-contact):	800 V (AC), 1130 V (DC)

Others

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

DRAWINGS

Draws



Dimensions

	A	D	H	L	M	S1	S2	S3
mm.	19	10	37	50	35	17	14	15
in.	0.75	0.39	1.46	1.97	1.38	0.67	0.55	0.59

RECOMMENDED BY LEMO

Tools

Spanner: DCP.91.023.TN

Cables

430 250	PVC	Grey	
CMU.30.075.011GB	PVC	Grey	

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