

SUMMARY

Wires

Low	6
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



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Series

Termination type	Male solder
IP rating	50
Cable Ø	7.30 - 7.60 mm
Matching parts	EGG.1B.306.CLL
Status	obsolete
Alternative part	FPG.1B.306.CLAD76Z

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	∅ 7.3 - 7.6 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	1B.306 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	7 Amps

Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	0.7 mm (0.028in)

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Bucket Dia.: 0.8 mm (0.031in)
 Max. Stranded Conductor: 0.34 mm² (AWG 22)
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 R (max): 6.1 mOhm
 Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
 Vtest (contact-contact): 1050 V (AC), 1490 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: >1000 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	D	H	L	M	S1	S2	S3
mm.	13.5	8	29.5	36	25	11	9	10
in.	0,53	0,31	1,16	1,42	0,98	0,43	0,35	0,39

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Tools

Spanner wrench: DCD.1B.015.PA090

Cables

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