

SUMMARY

Wires

Low	16
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	6.30 - 7.20 mm
Matching parts	EGG.1B.316.CLL
Status	active

Alternative part

TECHNICAL DETAILS

Mechanics

Shell Style/Model	F5*: Elbow (90°) plug Anglissimo (8 selective positions) with cable collet for 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	∅ 6.3 - 7.2 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	1B.316 : 16 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	1.5 Amps

Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	0.5 mm (0.02in)

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Bucket Dia.: 0.45 mm (0.018in)
 Max. Solid Conductor: 0.09 mm² (AWG 28)
 Max. Stranded Conductor: 0.09 mm² (AWG 28)
 R (max): 8.7 mOhm
 Vtest (contact-shell): 1250 V (AC), 1770 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: >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	L	M	S1	S2
mm.	12	36.5	25.5	9	11
in.	0,47	1,44	1,00	0,35	0,43


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Tools

Spanner wrench: DCD.1B.015.PA090

Cables

CMN.16.T28.070NNZZ			
116 280	PVC	Black	

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