

SUMMARY

Wires

Low	2
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



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Series	2B
Termination type	Male crimp
IP rating	50
Cable Ø	5.30 - 6.20 mm
Matching parts	EGG.2B.302.CLL
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FP*: Elbow (90°) plug with cable collet
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	D62: 5.3 - 6.2 mm
Variant	
Weight	39.79 g

Performance

Configuration	2B.302 : 2 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	25 Amps

Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 65 N

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Contact Dia.: 2 mm (0.079in)
 Bucket Dia.: 2.4 mm (0.094in)
 Min. Conductor: 1.5 mm² (AWG 16)
 Max. Conductor: 2.5 mm² (AWG 12)
 R (max): 3.3 mOhm
 Vtest (contact-shell): 2700 V (AC), 3820 V (DC)
 Vtest (contact-contact): 2850 V (AC), 4030 V (DC)

Others

Temp (min / max): -55° C / +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: >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	H	L	M	S1	S2	S3
mm.	15	35	41.5	29.5	13.5	12	13
in.	0,59	1,38	1,63	1,16	0,53	0,47	0,51

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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.101.A
Crimp settings: AWG/Selector = 12-14-16/8-7-6
Positionner: DCE.91.202.BVCM
Extractor: DCC.91.202.5LA
Replacement contact: FGG.2B.575.ZZC
Spanner wrench: MTZ.2B.220.120

Cables

102 080	PVC	Grey	
120 184	PVC	Black	
120 500	PVC	Grey	
120 751	PVC	Grey	
220 750	PVC	Grey	

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