

SUMMARY

Wires

Low	6
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	7.30 - 8.20 mm
Matching parts	EGB.2B.306.CLL
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying	2 keys (alpha=45, 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	D82: 7.3 - 8.2 mm
Variant	Z : Nut for fitting a bend relief
Weight	29.46 g

Performance

Configuration	2B.306 : 6 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	12 Amps

Specifications

Contact Type: Crimp
Max. Matings: 5000

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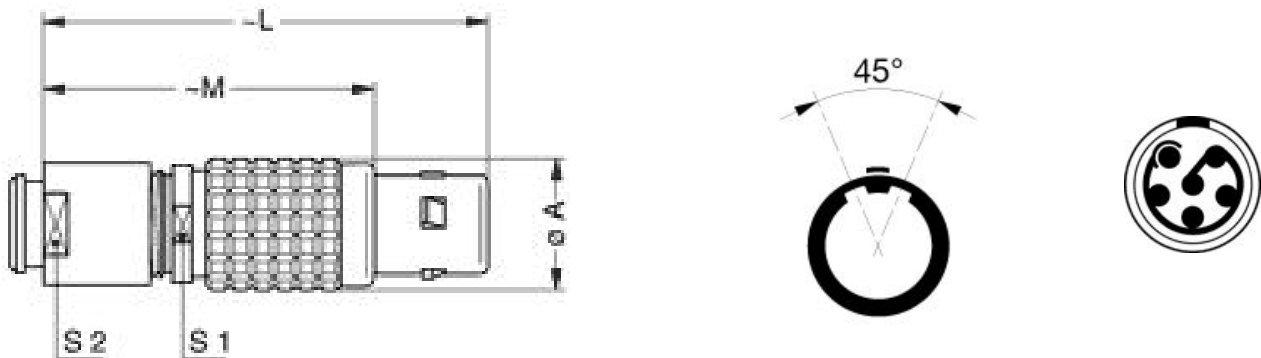
Contact Retention: 40 N
 Contact Dia.: 1.3 mm (0.051in)
 Bucket Dia.: 1.4 mm (0.055in)
 Min. Conductor: 0.5 mm² (AWG 20)
 Max. Conductor: 1 mm² (AWG 18)
 R (max): 3.6 mOhm
 Vtest (contact-shell): 2350 V (AC), 3320 V (DC)
 Vtest (contact-contact): 2000 V (AC), 2850 V (DC)

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	L	M	S1	S2
mm.	15	49	37	13	12
in.	0,59	1,93	1,46	0,51	0,47

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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
Crimp settings: AWG/Selector = 18-20/8-7
Positionner: DCE.91.132.BVC
Extractor: DCF.91.131.2LT
Replacement contact: FGG.2B.565.ZZC
Spanner wrench: MTZ.2B.220.120

Cables

360 500	PVC	Grey	
360 750	PVC	Grey	

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