

SUMMARY

Wires

Low voltage	16
Coax	2



Image is for illustrative purpose only

Series	3B
Termination type	Female crimp mixed / multi
IP rating	50
AWG wire size	26.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.3B.856.CLCD103

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EC*: Fixed receptacle with two nuts (back panel mounting)
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight	33.73 g

Performance

Configuration	3B.856 : 2 Coax (50 Ohm), 16 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

Specifications

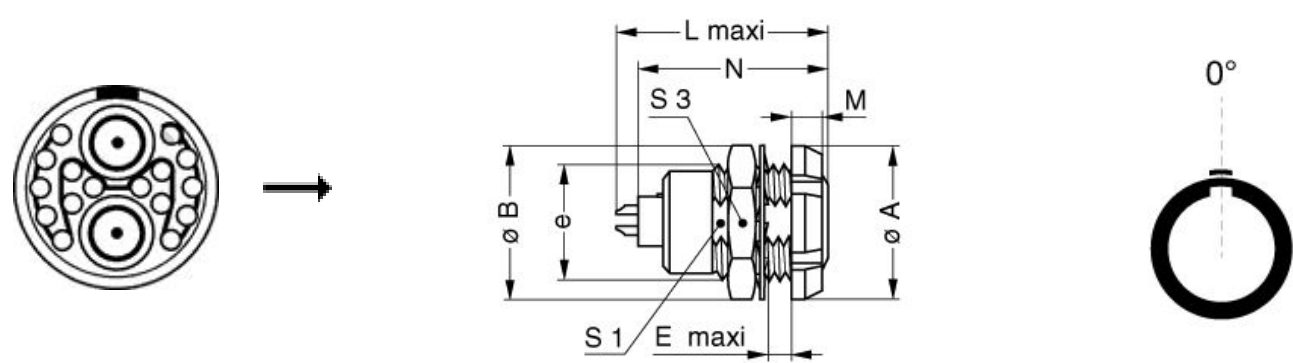
Contact Type:	Coaxial 50 Ohm (Crimp) Type C
Contact Dia.:	0.7 mm (0.03in)
Min. Conductor:	0.34 mm ² (AWG 22)
Max. Conductor:	0.34 mm ² (AWG 22)
R (max):	5.8 mOhm
Test voltage (kV rms):	0.7
Test voltage (kV dc):	1
Cable type:	RG 179 B/U, RG 187 A/U

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Others

- Endurance (Shell): 5000
- 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]
- Climatical Category: 50/175/21
- Shielding (min): 75 dB (10 MHz)
- Shielding (min): 40 dB (1 GHz)
- Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	B	E	L	M	N	S1	S3	e
mm.	24	25	9	30.7	4.5	28.1	16.5	22	M18x1.0
in.	0,94	0,98	0,35	1,21	0,18	1,11	0,65	0,87	

RECOMMENDED BY LEMO

Tools

- Crimp Tool: [DPC.91.701.V](#)
- Crimp settings: AWG/Selector = 22-24-26/6-5-5

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Positionner:	<u>DCE.91.073.BVM</u>
Extractor:	<u>DCC.91.384.5LA</u>
Die Tool:	<u>DPE.99.103.8K</u>
Replacement contact:	EGG.3B.655.ZZM

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