

SUMMARY

Wires

Low voltage	10
High voltage	2



Image is for illustrative purpose only

Series	3B
Termination type	Male solder Hybrid High-Voltage
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGJ.3B.740.CJLD82Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EG*: Fixed receptacle, nut fixing
Keying	2 keys (alpha=37.5, plug: female contacts, receptacle: male 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	23.15 g

Performance

Configuration	3B.740 : 2 High V. 10 Low V.
Insulator	J: PEEK/PEEK
Rated Current	3 Amps

Specifications

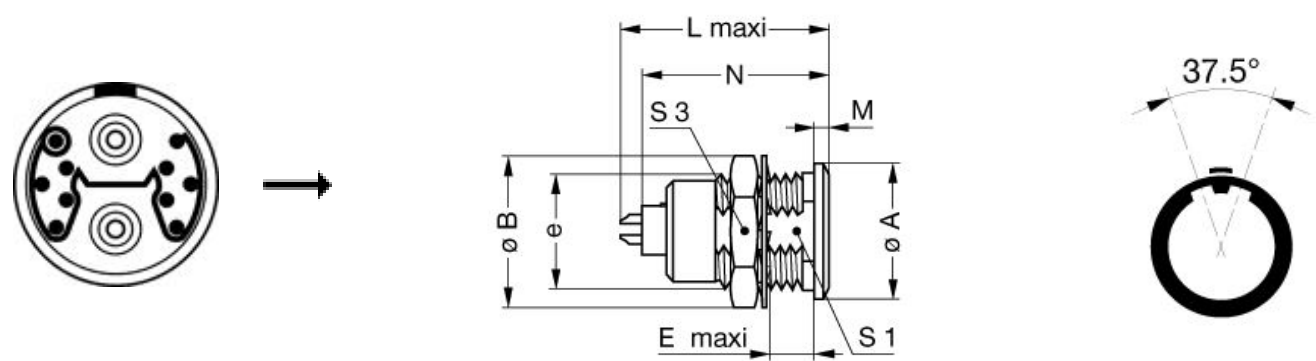
Contact Type: Solder
Test voltage HV Ue(kV rms) 17.1
Rear of connector must be protected: ATUM
Working voltage LV Ue (kV rms) 0.2
Air clearance min.: 12.7 mm

Others

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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.	22	25	11.5	30.7	2	28.1	16.5	22	M18x1.0
in.	0,87	0,98	0,45	1,21	0,08	1,11	0,65	0,87	

RECOMMENDED BY LEMO

Tools

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