

SUMMARY

Wires

Low voltage	10
High voltage	2



Image is for illustrative purpose only

Series	3B
Termination type	Female solder Hybrid
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	7.80 - 9.20 mm
Status	active
Alternative part	PKG.3B.740.CJLD92Z
Matching parts	FGG.3B.740.CJAD82

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PK*: Fixed receptacle, nut fixing, cable collet and nut for fitting a bend relief
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
Variant	Z : Nut for fitting a bend relief
Weight	54.48 g

Performance

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

Specifications

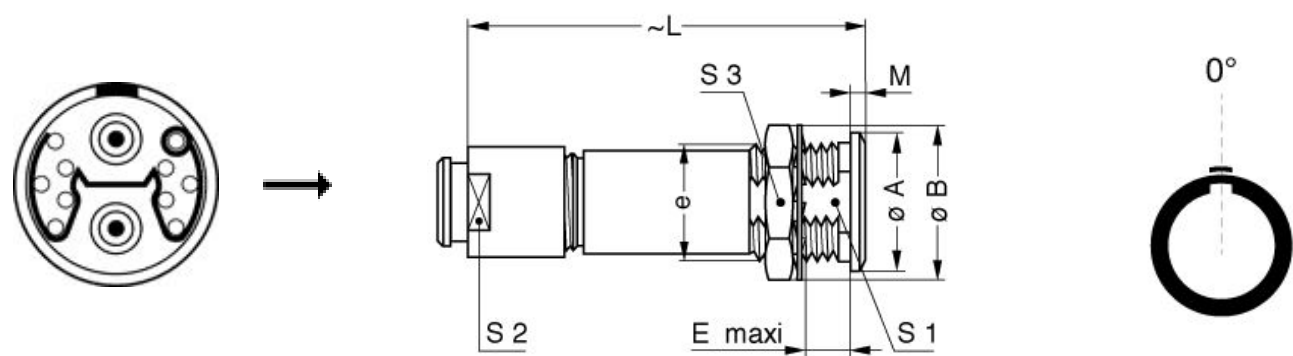
Contact Type: Solder
Test voltage HV Ue(kV rms) 17.1
Rear of connector must be protected: ATUM
Working voltage LV Ue (kV rms) 0.2
Air clearance min.: 12.7 mm

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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	S1	S2	S3	e
mm.	22	25	11.5	54.5	2	16.5	14	22	M18x1.0
in.	0,87	0,98	0,45	2,15	0,08	0,65	0,55	0,87	

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.3B.040.PA150](#)

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