

SUMMARY

Wires

Low voltage 16



Image is for illustrative purpose only

Series 2B
Termination type Female solder
IP rating 50
AWG wire size 30.00 - 22.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FGY.2B.316.PLAD5BZ](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model ENY*: Fixed receptacle with grounding tab, nut fixing, PSU or PPSU outer shell
Keying 3 keys (beta=112.5, gamma=100, plug: male contacts, receptacle: female contacts)
Housing Material PSU (Polysulfone) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight 9.61 g

Performance

Configuration 2B.316 : 16 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 6 Amps

Specifications

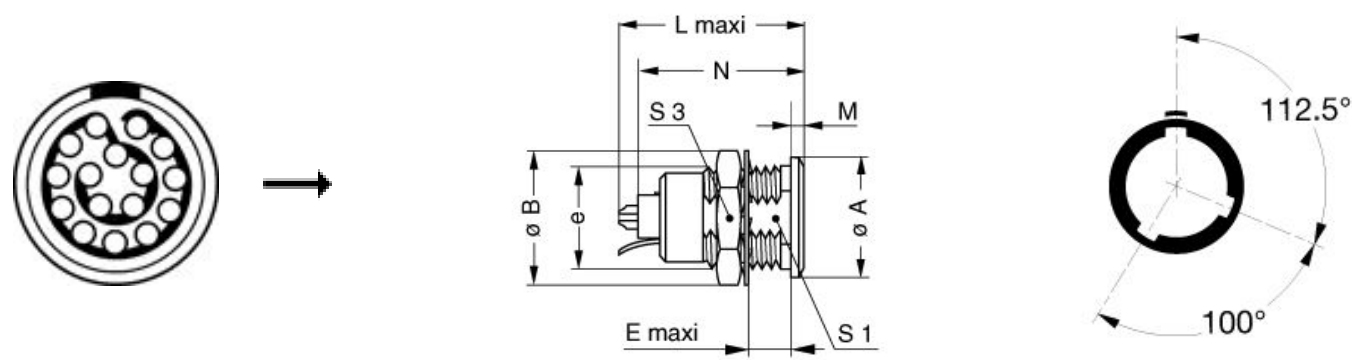
Contact Type: Solder
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm² (AWG 22)
Max. Stranded Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm
Vtest (contact-shell): 1250 V (AC), 1770 V (DC)
Vtest (contact-contact): 950 V (AC), 1340 V (DC)

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Others

- Endurance (Shell): 5000
- Temp (min / max): -50°C / +150°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)

DRAWINGS



Dimensions











	A	B	E	L	M	N	S1	S3	e
mm.	18	19.5	8.5	26.7	1.8	24.6	13.5	17	M15x1.0
in.	0,71	0,77	0,33	1,05	0,07	0,97	0,53	0,67	

RECOMMENDED BY LEMO

Tools

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Cables

CMN.16.T22.076QGZE	TPR (medical)	Grey	
CMN.16.T28.059PGZE		Grey	
CMN.16.T28.059PNZE			
CMN.16.T28.070NNZZ			
CMN.16.T30.047QGZE	TPR (medical)	Grey	
116080	PUR	Black	
116280	PVC	Black	
16050	PVC	Black	
216220	PVC	Black	
216240	PVC	Black	
216260	PVC	Black	
316250	PVC	Grey	

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