



SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

Series 2B

Termination type Female solder

IP rating 50

AWG wire size 16.00 - 16.00

Cable Ø 1.40 - 9.90 mm

Status active

Matching parts FGG.2B.303.CLAD72Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model EG*: Fixed receptacle, nut fixing

Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)

Housing Material Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Weight 15.21 g

Performance

Configuration 2B.303 : 3 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 17 Amps

Specifications

Contact Type: Solder

Contact Dia.: 1.6 mm (0.063in) Bucket Dia.: 1.4 mm (0.055in)

Max. Solid Conductor: 1 mm² (AWG 16) Max. Stranded Conductor: 1 mm² (AWG 18)

R (max): 3.5 mOhm

Vtest (contact-shell): 1850 V (AC), 2600 V (DC) Vtest (contact-contact): 2400 V (AC), 3390 V (DC)

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Others

Endurance (Shell): 5000

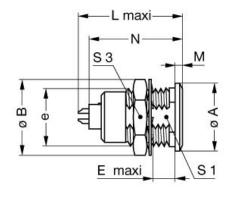
Temp (min / max): -55°C / +250°C

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

Draws







Dimensions

	А	В	E	L	М	N	S 1	S 3	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.03.T18.055PGCE	PVC	GREY	
CMN.03.T20.049PGCE	PVC	GREY	
CMN.03.T22.049PGCE	PVC	GREY	>=====
CMN.03.T28.031PGCE	PVC	GREY	>=====
CMN.03.B12.113PLZ			
CMN.03.T18.055PGZE		Grey	-
CMN.03.T18.055PNCE	PVC	Black	
CMN.03.T18.055PNZE			-
CMN.03.T18.055QGZE	TPR (medical)	Grey	-
CMN.03.T20.049PGZE		Grey	-
CMN.03.T20.049PNCE	PVC	Black	> =====
CMN.03.T20.049PNZE			-
CMN.03.T22.049PGZE		Grey	-
CMN.03.T22.049PNCE	PVC	Black	> =
CMN.03.T22.049PNZE			-
CMN.03.T28.031PGZE		Grey	-
CMN.03.T28.031PNCE	PVC	Black	
CMN.03.T28.031PNZE			
003 050	PVC	Black	> = = = = = = = = = = = = = = = = = = =
003 081	PVC	Black	
003 220	PVC	Black	
003 280	PVC	Black	
030 110	PVC	Grey	
030 141	PVC	Grey	
030 200	PVC	Black	
030 260	PVC	Black	
060 080	PVC	Grey	
130 240	PVC	Black	
130 250	PVC	Grey	
230 500	PVC	Grey	-
230 750	PVC	Grey	

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