

SUMMARY

Wires

Low voltage 12



Image is for illustrative purpose only

Series	2B
Termination type	Female solder
IP rating	50
AWG wire size	22.00 - 22.00
Cable Ø	1.40 - 9.90 mm
Status	active
Matching parts	FGG.2B.312.CLAD82

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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	14.64 g

Performance

Configuration	2B.312 : 12 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 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): 1350 V (AC), 1910 V (DC)
Vtest (contact-contact): 1250 V (AC), 1770 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







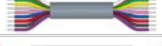










	A	B	E	L	M	N	S1	S3	e
mm.	18	19.5	8.5	26.7	1.8	24.6	13.5	17	M15x1.0
in.	0.71	0.77	0.33	1.05	0.07	0.97	0.53	0.67	

RECOMMENDED BY LEMO

Tools

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Cables

CMN.12.T22.070PNCE	PVC	Black	
CMN.12.T28.054PGCE	PVC	GREY	
CMN.12.T22.070PGCE	PVC	GREY	
CMN.12.T22.070PGZE		Grey	
CMN.12.T22.070PNZE			
CMN.12.T22.070QGZE	TPR (medical)	Grey	
CMN.12.T28.054PGZE		Grey	
CMN.12.T28.054PNCE	PVC	Black	
CMN.12.T28.054PNZE			
CMN.6T.T22.096PN6Y			
012 050	PVC	Black	
112 240	PTFE	White	
112 260	PTFE	White	
112 280	PVC	Black	
124 080	PVC	Grey	
212 220	PVC	Black	
212 240	PVC	Black	
212 250	PVC	Grey	
212 260	PVC	Black	

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