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SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series 0B

Termination type Female solder

IP rating 50

AWG wire size 22.00 - 22.00

Cable Ø 1.40 - 5.60 mm

Status active

Matching parts FGG.0B.305.CLAD52Z

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Catalog

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 4.52 g

Performance

Configuration 0B.305 : 5 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 6.5 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): 700 V (AC), 1000 V (DC) Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

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Others

Endurance (Shell): 5000

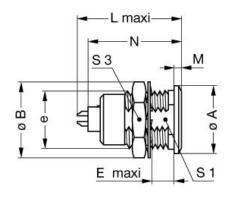
Temp (min / max): -55°C / +250°C

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 12NC part number: 4022.438.33230

DRAWINGS

Draws







Dimensions

	А	В	E	L	М	N	S 1	S 3	е
mm.	10	12.5	7	20.7	1.2	19.1	8.2	11	M9x0.6
in.	0.39	0.49	0.28	0.81	0.05	0.75	0.32	0.43	

RECOMMENDED BY LEMO

Tools

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Cables

CMN.05.T22.051PGCE	PVC	GREY	
CMN.05.T22.051PNCE	PVC	Black	
CMN.05.T22.051QGZE	TPR (medical)	Grey	>€
CMN.05.T28.029PGCE	PVC	GREY	>===
CMN.05.T22.051PGZE		Grey	> ──€
CMN.05.T22.051PNZE			>€
CMN.05.T28.029PGZE		Grey	> ——€
CMN.05.T28.029PNCE	PVC	Black	
CMN.05.T28.029PNZE			>€
005 050	PVC	Black	
050 090	PVC	Black	
050 140	PVC	Grey	
150 250	PVC	Grey	> ====

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