



SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series 0B

Termination type Female solder

IP rating 50

AWG wire size 20.00 - 20.00 Cable Ø 1.40 - 5.60 mm

Status active

Matching parts FGG.0B.302.CLAD42

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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 4.26 g

Performance

Configuration 0B.302 : 2 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 10 Amps

Specifications

Contact Type: Solder

Contact Dia.: 0.9 mm (0.035in) Bucket Dia.: 1.0 mm (0.039in)

Max. Solid Conductor: 0.56 mm² (AWG 20) Max. Stranded Conductor: 0.56 mm² (AWG 20)

R (max): 4.8 mOhm

Vtest (contact-shell): 1050 V (AC), 1490 V (DC) Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

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Others

Endurance (Shell): 5000

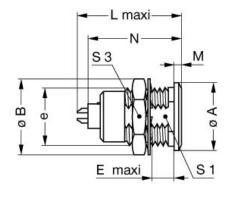
Temp (min / max): -55°C / +250°C

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: 4022.438.33190

DRAWINGS

Draws







Dimensions

	А	В	E	L	М	N	S1	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.02.T22.047PGCE	PVC	GREY	-
CMN.02.T28.030PGCE	PVC	GREY	-
CMN.02.T22.047PGZE		Grey	
CMN.02.T22.047PNCE	PVC	Black	
CMN.02.T22.047PNZE	1, 7, 0	Juden	
CMN.02.T28.030PGZE		Grey	
CMN.02.T28.030PNCE	PVC	Black	
CMN.02.T28.030PNZE	1 40	Diack	
002 050	PVC	Black	
002 080	PVC	Grey	
002 000	PVC	Black	
002 260	PTFE	White	
002 280	PVC	Black	
004 082	PVC	Grey	
020 140	PVC	Grey	-1-
020 140	PVC	Grey	-1-
020 141	PVC	Grey	
020 142	PVC	Red	-12
020 143	PVC	Green	
020 144	PVC	Black	
020 145	PVC	Yellow	
020 146	PVC	Black	-1-
020 240	PTFE	White	=======================================
020 260	PVC	Black	
020 264	PVC	Black	
020 266	PVC	Violet	
020 550	PUR	Black	
020 560	PUR	White	-
120 184	PVC	Black	50
120 240	PVC	Black	
120 250	PVC	Grey	-
CCX.50.RG1.74U30B	TFE	White	
CMB.02.210.635	PUR	Black	

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