



SUMMARY

Wires

 Low
 2

 High
 0

 Coax
 0

Triax 0

Quad 0

Fiber 0
Fluidic 0

Series 1B

Termination type Female solder

IP rating 50

Cable Ø 2.30 - 7.60 mm

Status active

Alternative part

Matching parts FGG.1B.302.CLAD42Z



Image is for illustrative purpose only

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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

Variant

Weight 8.68 g

Performance

Configuration 1B.302 : 2 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 15 Amps

Specifications

Contact Type: Solder

Contact Dia.: 1.3 mm (0.051in) Bucket Dia.: 1 mm (0.039in)

Max. Solid Conductor: 0.5 mm² (AWG 20)

Max. Stranded Conductor: 0.5 mm² (AWG 20)

R (max): 3.6 mOhm

Vtest (contact-shell): 1350 V (AC), 1910 V (DC) Vtest (contact-contact): 1500 V (AC), 2120 V (DC)

Others

Endurance (Shell): 5000

Temp (min / max): -55°C / +250°C

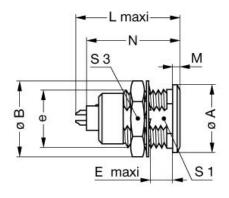
Humidity (max): <=95% [at 60 deg C /140 F]

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

IP Rating: 50

DRAWINGS

Draws







Dimensions

	А	В	E	L	М	N	S1	S3	e
mm.	14	16	7.5	23	1.5	21.1	10.5	14	M12x1.0
in.	0.55	0.63	0.30	0.91	0.06	0.83	0.41	0.55	

RECOMMENDED BY LEMO

Tools

None

Cables

CMN.02.T22.047PGCE	PVC	GREY	-
MN.02.T20.047PGCE PVC		GREY	~
CMN.02.T20.048QGZE	TPR (medical)	Grey	-
CMN.02.T28.030PGCE	PVC	GREY	-
CMN.02.T20.047PGZE		Grey	-
CMN.02.T20.047PNCE	PVC	Black	-
CMN.02.T20.047PNZE			-
CMN.02.T22.047PGZE		Grey	-
CMN.02.T22.047PNCE	PVC	Black	-
CMN.02.T22.047PNZE			= ==
CMN.02.T28.030PGZE		Grey	-
CMN.02.T28.030PNCE	PVC	Black	-
CMN.02.T28.030PNZE			-
002 050	PVC	Black	-
002 080	PVC	Grey	
002 200	PVC	Black	
002 221	PVC	Black	
002 260	PTFE	White	*>
002 280	PVC	Black	- Killing State of the State of
004 082	PVC	Grey	
020 140	PVC	Grey	
020 140	PVC	Grey	
020 141	PVC	Grey	===
020 142	PVC	Red	
020 143	PVC	Green	
020 144	PVC	Black	
020 145	PVC	Yellow	
020 146	PVC	Black	
020 240	PTFE	White	-
020 260	PVC	Black	N. C.
020 264	PVC	Black	
020 266	PVC	Violet	
020 550	PUR	Black	-
020 560	PUR	White	-
140			

120 184	PVC	Black	
120 240	PVC	Black	
120 250	PVC	Grey	
120 500	PVC	Grey	-
120 501	PVC	Grey	-
120 751	PVC	Grey	-
220 750	PVC	Grey	-
CCX.50.RG1.74U30B	TFE	White	
CMB.02.210.635	PUR	Black	