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SUMMARY

Wires

 Low
 4

 High
 0

 Coax
 0

Triax 0

Quad 0

Fiber 0
Fluidic 0

Series 1B

Termination type Female solder

IP rating 50

Cable Ø 0.00 - 0.00 mm

Matching parts FGG.1B.304.CLAD35Z

Status active

Alternative part



Image is for illustrative purpose only

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Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model EC*: Fixed receptacle with two nuts (back panel mounting)

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

Cable Fixing : 0 - 0 mm

Variant

Weight 10.32 g

Performance

Configuration 1B.304: 4 Low Voltage

Insulator L: PEEK (UL 94 / V-0/3.2, depends on material thickness)

Rated Current 10 Amps

Specifications

Contact Type: Solder Max. Matings: 5000

Contact Dia.: 0.9 mm (0.035in)

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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): 4.8 mOhm

Vtest (contact-shell): 1450 V (AC), 2050 V (DC) Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

Others

Temp (min / max): -55°C / +250°C

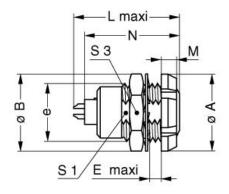
Humidity (max): <=95% [at 60 deg C /140 F]

Vibration: 15 g [10 Hz - 2000 Hz] Shock Resistance: 100 g [6 ms] Salt Spray Corrosion: >1000 hr Climatical Category: 50/175/21 Shielding (min): 75 dB (10 MHz) Shielding (min): 40 dB (1 GHz)

IP Rating: 50

DRAWINGS

Draws







Dimensions

	А	В	Е	L	М	N	S1	\$3	e
mm.	16	15.8	6	23	3.5	21.1	10.5	14	M12x1.0
in.	0,63	0,62	0,24	0,91	0,14	0,83	0,41	0,55	

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RECOMMENDED BY LEMO

Tools

Spanner 2: DCH.91.161.PA

Cables

CMN.04.T22.047PGCE	PVC	GREY	
CMN.04.T22.047PGZE		Grey	> -
CMN.04.T22.047PNCE	PVC	Black	
CMN.04.T22.047PNZE			>
CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	>
CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T28.031PGZE		Grey	>
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			3
CMN.04.T28.031QGC	TPR	Grey	
004 041	PVC	Grey	>
004 050	PVC	Black	
004 080	PVC	Grey	
004 220	PVC	Black	
004 221	PVC	Black	
004 260	PTFE	White	≥ <
004 280	PVC	Black	
040 080	PVC	Black	
040 086	PVC	Blue	
040 140	PVC	Black	===
040 240	PTFE	White	><><
040 260	PVC	Black	
080 080	PVC	Grey	
080 082	PVC	Red	
080 084	PVC	Black	
140 240	PVC	Black	- KEE
140 250	PVC	Grey	
417 920	PVC	Grey	
CTR.75.030.121870G	PVC	Grey	

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