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SUMMARY

Wires

 Low
 7

 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.307.CLAD35

Status active

Alternative part



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

Cable Fixing 90 - 0 mm

Variant

Weight 8.91 g

Performance

Configuration 1B.307: 7 Low Voltage

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

Rated Current 7 Amps

Specifications

Contact Type: Solder Max. Matings: 5000

Contact Dia.: 0.7 mm (0.028in)

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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): 6.1 mOhm

Vtest (contact-shell): 1050 V (AC), 1490 V (DC) Vtest (contact-contact): 950 V (AC), 1340 V (DC)

Others

Temp (min / max): -55°C / +250°C

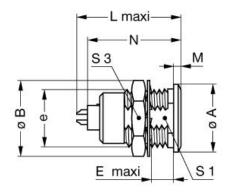
Humidity (max): <=95% [at 60 deg C /140 F]

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	S 3	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	

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RECOMMENDED BY LEMO

Tools

None

Cables

CMN.07.S34.027JGC			
CMN.07.T22.055PGCE	PVC	GREY	>====
CMN.07.T22.055PGZE		Grey	
CMN.07.T22.055PNCE	PVC	Black	>====
CMN.07.T22.055PNZE			
CMN.07.T26.037QGZE	TPR (medical)	Grey	
CMN.07.T28.044PGCE	PVC	GREY	>=====
CMN.07.T28.044PGZE		Grey	
CMN.07.T28.044PNCE	PVC	Black	>====
CMN.07.T28.044PNZE			
007 041	PVC	Grey	•
007 050	PVC	Black	>====
070 140	PVC	Grey	
270 250	PVC	Grey	>=====
717 920	PVC	Grey	>
CTR.75.030.121875G	PVC	Grey	>

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