

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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SUMMARY

Wires

Low 8 High 0 Coax n

Triax 0

Quad 0

Fiber Fluidic 0

Series 1B

Termination type Female solder

IP rating 50

Cable Ø 0.00 - 0.00 mm

FGG.1B.308.CLAD52Z Matching parts

0

Status

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

: 0 - 0 mm Cable Fixing

Variant

Performance

Configuration 1B.308: 8 Low Voltage

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

Rated Current 5 Amps

Specifications

Contact Type: Solder Max. Matings: 5000

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): 1150 V (AC), 1630 V (DC) Vtest (contact-contact): 950 V (AC), 1340 V (DC)

Others

Temp (min / max): -55° C / $+250^{\circ}$ C

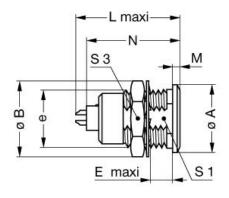
Humidity (max): <=95% [at 60 deg C /140 F]

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	E	L	М	N	S1	\$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	

RECOMMENDED BY LEMO

Tools

None

Cables

CMN.08.T22.059PGCE	PVC	GREY	>
CMN.08.T22.059PGZE		Grey	
CMN.08.T22.059PNCE	PVC	Black	>
CMN.08.T22.059PNZE			>
CMN.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QGZE	TPR (medical)	Grey	>
CMN.08.T26.042QGZE	TPR (medical)	Grey	
008 050	PVC	Black	>====
008 280	PVC	Black	
016 080	PVC	Grey	
042 265	PVC	Yellow	
080 140	PVC	Grey	
108 220	PVC	Black	
108 240	PTFE	White	>====
108 260	PTFE	White	>
180 240	PVC	Black	-
180 260	PVC	Black	-
280 250	PVC	Grey	>====
335 990	PVC	Black	3
335 991	PVC	Black	3