

FHG.1K.308.CLCC60Z

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SUMMARY

Wires

Low voltage 8

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Catalog

Series 1K

Termination type Male crimp

IP rating 68

AWG wire size 26.00 - 22.00 Cable Ø 5.60 - 6.00 mm

Status obsolete

Matching parts EGG.1K.308.CYM

TECHNICAL DETAILS

Mechanics

Shell Style/Model FH*: Elbow plug, cable collet and nut for fitting a bend relief

Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)

Housing Material

Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290]

brass latch sleeve and mid pieces

Variant Z: Nut for fitting a bend relief

Performance

Configuration 1K.308: 8 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 5 Amps

Specifications

Contact Type: Crimp Contact Retention: 22 N Contact Dia.: 0.7 mm (0.028in) Bucket Dia.: 0.8 mm (0.031in)

Min. Conductor: 0.14 mm² (AWG 26) Max. Conductor: 0.34 mm² (AWG 22)

R (max): 6.1 mOhm

Vtest (contact-shell): 1300 V (AC), 1840 V (DC)

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Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

Others

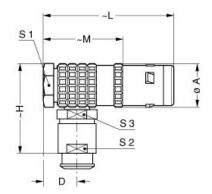
Endurance (Shell): 5000 mating cycles Temp (min / max): -55°C / +200°C

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): 95 dB (10 MHz) Shielding (min): 80 dB (1 GHz) Salt Spray Corrosion: >1000 hr

DRAWINGS







Dimensions

	А	D	L	М	S 1	S2	S 3
mm.	14	8.8	43	29	12	9	10
in.	0,55	0,35	1,69	1,14	0,47	0,35	0,39

RECOMMENDED BY LEMO

Tools

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Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 22-24-26/6-5-5

Positionner: DCE.91.071.BVC
Extractor: DCF.91.070.2LT
Replacement contact: FGG.1B.555.ZZC
Spanner wrench: DCD.1E.008.PA090

Cables

CMN.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QGZE	TPR (medical)	Grey	
16080	PVC	Grey	
180260	PVC	Black	-
42265	PVC	Yellow	
80140	PVC	Grey	

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