

SUMMARY

Wires

Low voltage 12



Image is for illustrative purpose only

Series	2K
Termination type	Female crimp
IP rating	68
AWG wire size	26.00 - 22.00
Cable Ø	7.60 - 8.00 mm
Status	pre-release
Matching parts	FGG.2K.312.CYCC80

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PE*: Fixed receptacle, nut fixing, cable collet (back panel mounting)
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

Performance

Configuration	2K.312 : 12 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	7 Amps

Specifications

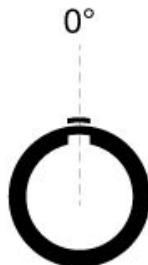
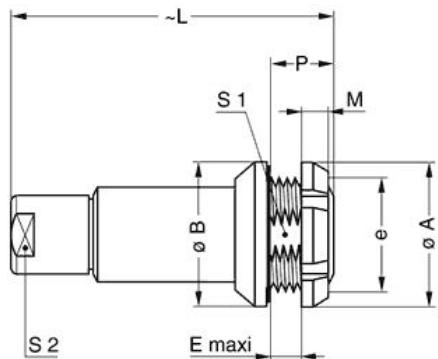
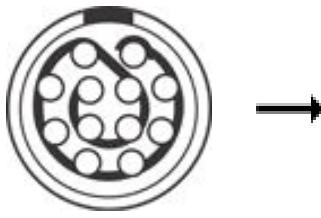
Contact Type:	Crimp
Contact Retention:	22 N
Contact Dia.:	0.7 mm (0.028in)
Bucket Dia.:	0.8 mm (0.031in)
Min. Conductor:	0.14 mm ² (AWG 26)
Max. Conductor:	0.34 mm ² (AWG 22)
R (max):	6.1 mOhm
Vtest (contact-shell):	2000 V (AC), 2850 V (DC)
Vtest (contact-contact):	1650 V (AC), 2350 V (DC)

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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

	A	B	E	L	M	P	S1	S2	e
mm.	25	25	4	54	3.5	7.5	18.5	12	M20x1.0
in.	0,98	0,98	0,16	2,13	0,14	0,30	0,73	0,47	

RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.701.V](#)

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

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Positionner: [DCE.91.072.BVM](#)
Extractor: [DCF.91.070.2LT](#)
Replacement contact: EGG.2B.655.ZZM
Spanner wrench: [DCD.2E.020.PA120](#)

Cables

124080	PVC	Grey	
212220	PVC	Black	

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