

SUMMARY

Wires

Low	12
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



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Series	2M
Termination type	Female crimp
IP rating	68
Cable Ø	6.50 - 13.00 mm
Matching parts	EGS.2M.312.XLC

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug with arctic grip
Keying	3 keys (beta=155, gamma=50, plug: female contacts, receptacle: male contacts)
Housing Material	Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass
Cable Fixing	∅ 6.5 - 13 mm
Variant	

Performance

Configuration	2M.312 : 12 Low Voltage
Insulator	
Rated Current	7 Amps

Specifications

Contact Type:	Crimp
Max. Matings:	5000
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)

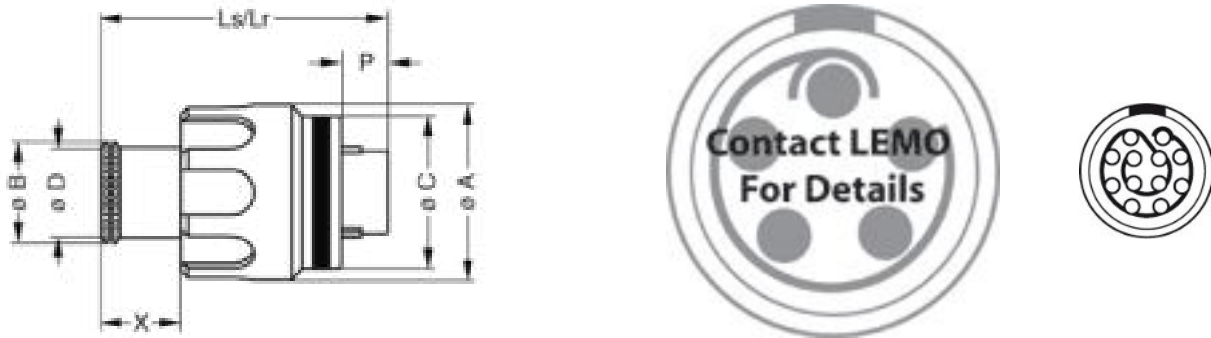
R (max): 6.1 mOhm
 Test voltage (kV rms) Contact-contact: 1.65
 Test voltage (kV rms) Contact-shell: 1.15

Others

Humidity (max): <=95% [at 60 deg C / 140 F]
 Vibration: 15 g [10 Hz - 2000 Hz]
 Shock Resistance: 100 g [6 ms]
 Operating temperature: -55°C / +200°C
 Climatical Category: 15/200/21 (Al. shell)
 Lighting strike EIA 364-75 10K amps - 6 times
 EMI Shielding EIA 364-66A - 1Ghz-80 dB, 3GHz-70 dB, 6GHz- 58dB
 IP Rating: 68

DRAWINGS

Draws



Dimensions








	A	B	C	D	Lr	Ls	P	X
mm.	18.9	14	17.2	13	24.5	24.5	3.9	7.1
in.	0,74	0,55	0,68	0,51	0,96	0,96	0,15	0,28

RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
 Crimp settings: AWG/Selector = 22-24-26/6-5-5
 Positionner: DCE.91.070.3MVM
 Extractor: DCF.93.070.4LT
 Replacement contact: EGN.0M.655.ZZM

Cables

CMN.12.T22.070PGCE	PVC	GREY	
CMN.12.T22.070PGZE		Grey	
CMN.12.T22.070PNCE	PVC	Black	
CMN.12.T22.070PNZE			
CMN.12.T22.070QGZE	TPR (medical)	Grey	
CMN.6T.T22.096PN6Y			
124 080	PVC	Grey	
124 084	PVC	Black	
212 220	PVC	Black	
212 240	PVC	Black	
212 250	PVC	Grey	