

## SUMMARY



*Image is for illustrative purpose only*

### # Wires

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

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Series	2M
Termination type	Male print PCB
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FMS.2M.312.XLM
Status	
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	ED*: Fixed receptacle with square flange
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	∅ 0 - 0 mm
Variant	

### Performance

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

### Specifications

Contact Type: Print (straight)
Max. Matings: 5000
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Test voltage (kV rms) Contact-contact: 1.65

Test voltage (kV rms) Contact-shell: 1.15

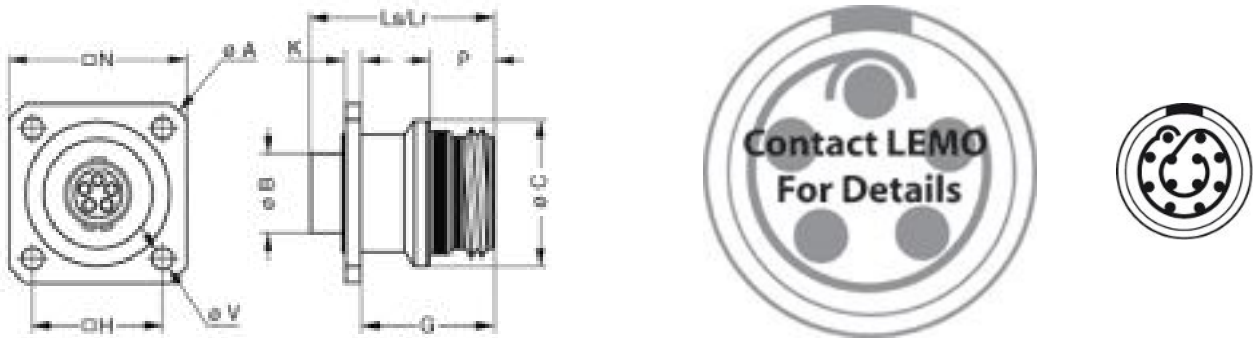
## Others

Humidity (max):  $\leq 95\%$  [at 60 deg C / 140 F]  
Vibration: 15 g [10 Hz - 2000 Hz]  
Shock Resistance: 100 g [ 6 ms]  
Operating temperature:  $-55^{\circ}\text{C} / +200^{\circ}\text{C}$   
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

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## DRAWINGS

### Draws



### Dimensions

	A	B	C	G	H	K	Lr	Ls	N	P	V
mm.	26.9	8.95	17.2	12.8	15.1	1.5	18.1	18.1	20.6	5.3	3.3
in.	1,06	0,35	0,68	0,50	0,59	0,06	0,71	0,71	0,81	0,21	0,13

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## RECOMMENDED BY LEMO

### Tools

None

### Cables