

## SUMMARY



### # Wires

Low	4
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	0.00 - 0.00 mm
Matching parts	FGN.2M.304.XLC

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	ED*: Fixed receptacle with square flange
Keying	3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female 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	
Insulator	
Rated Current	15.5 Amps

### Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 40 N
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1.4 mm (0.055in)
Min. Conductor: 0.5 mm <sup>2</sup> (AWG 20)
Max. Conductor: 1 mm <sup>2</sup> (AWG 18)
R (max): 3.6 mOhm

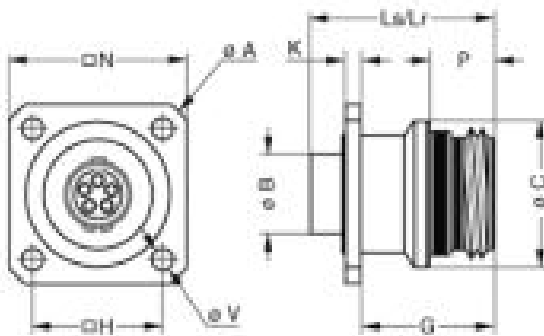
## Others

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 °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

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## DRAWINGS

### Draws



### Dimensions

	A	B	C	G	H	K	Lr	Ls	N	P	SV
mm.	26.9	8.95	17.2	12.8	15.1	1.5	18.3	18.3	20.6	5.3	3.3
in.	1,06	0,35	0,68	0,50	0,59	0,06	0,72	0,72	0,81	0,21	0,13






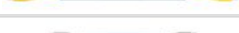




















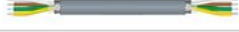



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## RECOMMENDED BY LEMO

### Tools

Crimp Tool: DPC.91.701.V  
Crimp settings: AWG/Selector = 16-18-20/8-7-7  
Positionner: DCE.91.130.5MVM  
Extractor: DCF.93.131.4LT  
Replacement contact: EGN.0M.665.ZZM

### Cables

CMN.04.T20.053PGCE	PVC	GREY	
CMN.04.T20.053PGZE		Grey	
CMN.04.T20.053PNCE	PVC	Black	
CMN.04.T20.053PNZE			
CMN.04.T20.053QGZE	TPR (medical)	Grey	
CMN.04.T22.047PGCE	PVC	GREY	
CMN.04.T22.047PGZE		Grey	
CMN.04.T22.047PNCE	PVC	Black	
CMN.04.T22.047PNZE			
CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T28.031PGZE		Grey	
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			
CMN.04.T28.031QGC	TPR	Grey	
004 041	PVC	Grey	
004 050	PVC	Black	
004 080	PVC	Grey	
004 220	PVC	Black	
004 221	PVC	Black	
004 260	PTFE	White	
004 280	PVC	Black	
040 080	PVC	Black	
040 086	PVC	Blue	
040 140	PVC	Black	
040 240	PTFE	White	
040 260	PVC	Black	
080 080	PVC	Grey	
080 082	PVC	Red	
080 084	PVC	Black	
104 200	PVC	Black	
140 240	PVC	Black	
140 250	PVC	Grey	
240 500	PVC	Grey	
240 750	PVC	Grey	
340 150	PVC	Grey	
417 920	PVC	Grey	
CTR.75.030.121870G	PVC	Grey	