

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 7

Series 2K  
Termination type Female crimp  
IP rating 68  
AWG wire size 20.00 - 18.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FGG.2K.307.CYCC75](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model EE\*: Fixed receptacle, nut fixing (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  
Weight 34.60 g

### Performance

Configuration 2K.307 : 7 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 11 Amps

### Specifications

Contact Type: Crimp  
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  
Vtest (contact-shell): 2150 V (AC), 3040 V (DC)

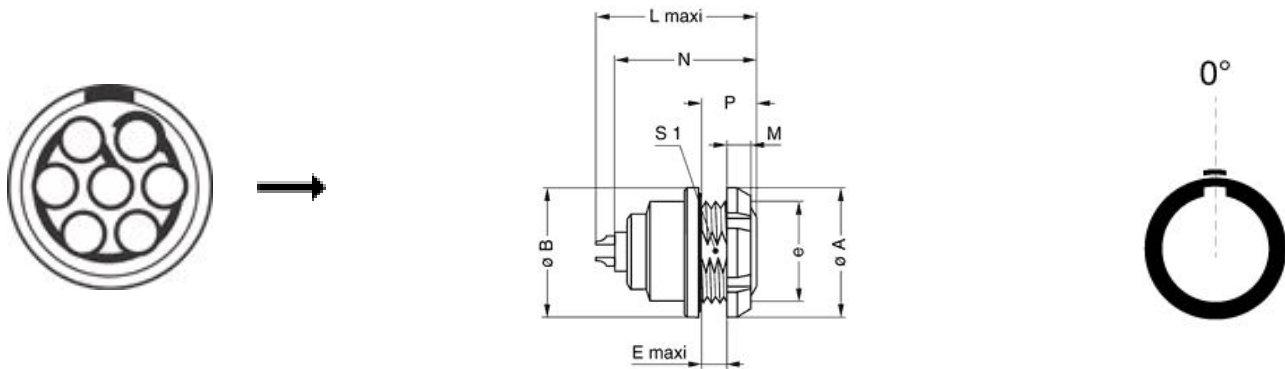
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Vtest (contact-contact): 1950 V (AC), 2750 V (DC)

## 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

	A	B	E	L	M	N	P	S1	e
mm.	25	25	5	30.7	3.5	28.6	10	18.5	M20x1.0
in.	0,98	0,98	0,20	1,21	0,14	1,13	0,39	0,73	










## RECOMMENDED BY LEMO

### Tools

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Crimp Tool: [DPC.91.701.V](#)  
 Crimp settings: AWG/Selector = 18-20/8-7  
 Positionner: [DCE.91.132.BVM](#)  
 Extractor: [DCF.91.131.2LT](#)  
 Replacement contact: EGG.2B.665.ZZM

## Cables

CMN.07.T18.070PGZE		Grey	
CMN.07.T18.070PNZE			
CMN.07.T20.062PGZE		Grey	
CMN.07.T20.062PNZE			
CMN.07.T20.062QGZE	TPR (medical)	Grey	
CMN.07.T26.037QGZE	TPR (medical)	Grey	
CMN.07.T28.044PGZE		Grey	
CMN.07.T28.044PNZE			
270250	PVC	Grey	
370500	PVC	Grey	
70140	PVC	Grey	
7041	PVC	Grey	
7050	PVC	Black	
717920	PVC	Grey	
CTR.75.030.121875G	PVC	Grey	

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[EXG.0B.309.HLN](#) [FFB.1S.250.CLAC27](#) [FGA.2B.306.CYCD92](#) [FGA.2B.306.CYCD92Z](#) [FGA.XB.312.CLAD72](#) [FGJ.1B.302.CYMD62](#)  
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