

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low	18
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	2K
Termination type	Female solder
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FGG.2K.318.CLAC45Z
Status	active
Alternative part	

## 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) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 0 - 0 mm
Variant	
Weight	34.89 g

### Performance

Configuration	2K.318 : 18 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	5.5 Amps

### Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	0.7 mm (0.028in)

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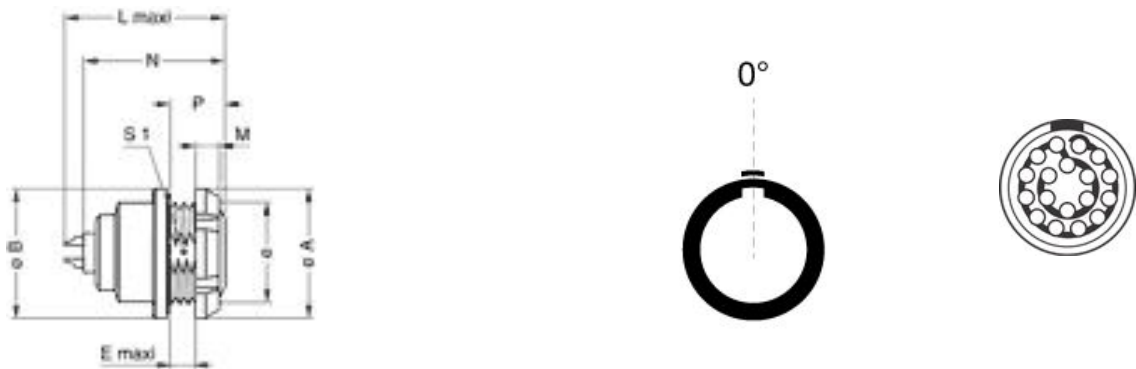
Bucket Dia.: 0.8 mm (0.031in)  
 Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 R (max): 6.1 mOhm  
 Vtest (contact-shell): 1200 V (AC), 1700 V (DC)  
 Vtest (contact-contact): 850 V (AC), 1200 V (DC)

## 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]  
 Salt Spray Corrosion: >1000 hr  
 Climatical Category: 50/175/21  
 Shielding (min): 95 dB (10 MHz)  
 Shielding (min): 80 dB (1 GHz)  
 IP Rating: 68

## DRAWINGS

### Draws



### 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	










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# RECOMMENDED BY LEMO

## Tools

None

## Cables

CMN.18.T22.080PGCE	PVC	GREY	
CMN.18.T22.080PGZE		Grey	
CMN.18.T22.080PNCE	PVC	Black	
CMN.18.T22.080PNZE			
CMN.18.T30.048QGZE	TPR (medical)	Grey	
218 220	PVC	Black	
218 240	PVC	Black	
218 260	PVC	Black	
236 080	PVC	Grey	
318 250	PVC	Grey	

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