

## SUMMARY

### # Wires

Low	20
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

*Image is for illustrative purpose only*

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Series	5K
Termination type	Male solder
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	
Status	
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	*:
Keying	2 keys (gamma=75, plug: female contacts, receptacle: male contacts)
Housing Material	Stainless steel shell, collet nut, latch sleeve, mid pieces, collet and washers
Cable Fixing	∅ 0 - 0 mm
Variant	PV : Watertight / Vacuum-tested

### Performance

Configuration	5K.320 : 20 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	10 Amps

### Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	1.6 mm (0.063in)
Bucket Dia.:	1.4 mm (0.055in)
Max. Solid Conductor:	1 mm <sup>2</sup> (AWG 16)
Max. Stranded Conductor:	1 mm <sup>2</sup> (AWG 18)

R (max): 3.5 mOhm  
Vtest (contact-shell): 1700 V (AC), 2400 V (DC)  
Vtest (contact-contact): 1900 V (AC), 2700 V (DC)

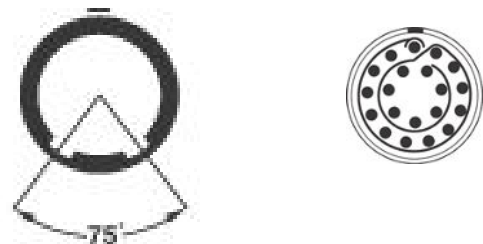
## Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -20°C / +80°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: >144 hr  
Climatical Category: 20/80/21  
Shielding (min): 95 dB (10 MHz)  
Shielding (min): 80 dB (1 GHz)  
R leak (He) (max): 0.0000001 mbar\*l/s (if vacuum-tested)  
Pressure: 5 bars  
IP Rating: 68

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## DRAWINGS

### Draws



### Dimensions







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## RECOMMENDED BY LEMO

### Tools

None

## Cables

CMN.20.T22.084PGCE	PVC	GREY	
CMN.20.T22.084PGZE		Grey	
CMN.20.T22.084PNCE	PVC	Black	
CMN.20.T22.084PNZE			
420 250	PVC	Grey	
420 500	PVC	Grey	
520 750	PVC	Grey	