

SUMMARY

Wires

Low	10
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Image is for illustrative purpose only

Download

[Request a quote](#)

[Catalog](#)

Series	5K
Termination type	Female 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	

Performance

Configuration	5K.310 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	20 Amps

Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	3 mm (0.118in)
Bucket Dia.:	2.7 mm (0.106in)
Max. Solid Conductor:	4 mm ² (AWG 10)
Max. Stranded Conductor:	4 mm ² (AWG 12)

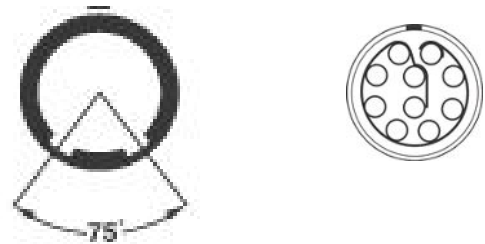
R (max): 3.1 mOhm
Vtest (contact-shell): 2300 V (AC), 3250 V (DC)
Vtest (contact-contact): 2350 V (AC), 3320 V (DC)

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

RECOMMENDED BY LEMO

Tools

None

Cables

CMN.10.T22.068QGC			
-------------------	--	--	--