

SUMMARY

Wires

Low	10
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	Female solder
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	
Status	active
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	
Weight	508.29 g

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)

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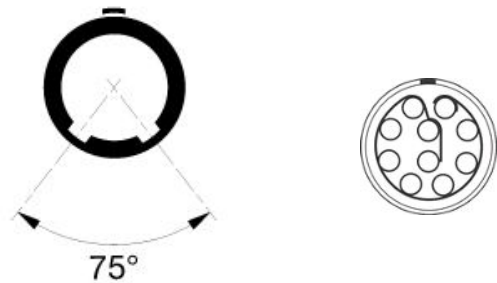
Bucket Dia.: 2.7 mm (0.106in)
Max. Solid Conductor: 4 mm² (AWG 10)
Max. Stranded Conductor: 4 mm² (AWG 12)
R (max): 3.1 mOhm
Vtest (contact-shell): 2300 V (AC), 3250 V (DC)
Vtest (contact-contact): 2350 V (AC), 3320 V (DC)

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

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RECOMMENDED BY LEMO

Tools

None

Cables

CMN.10.T22.068QGC			
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