FGG.3K.856.CLAK153

SUMMARY

Wires

Low voltage	16
Coax	2

Image is for illustrative purpose only

Series	3K
Termination type	Male solder mixed / multi coax
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	14.10 - 15.00 mm
Status	active
Matching parts	EGG.3K.856.CLN1

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug with oversize cable collet
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	102.72 g

Performance

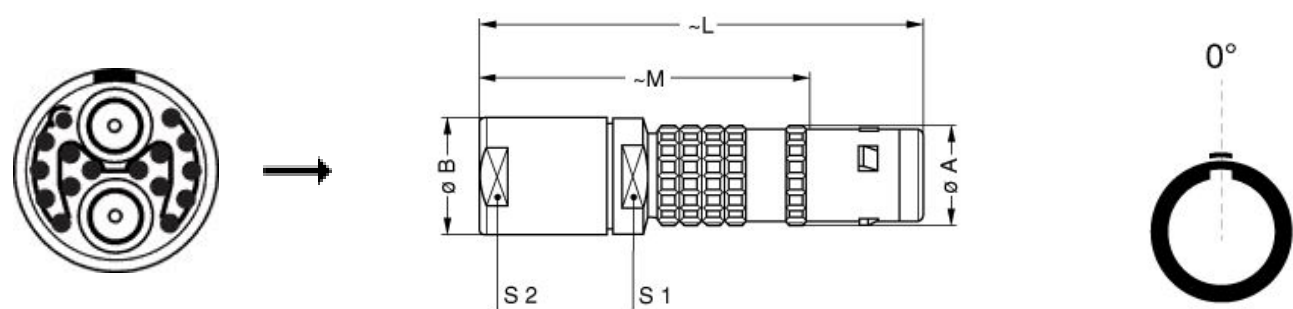|	
Configuration	3K.856 : 2 Coax (50 Ohm), 16 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

Specifications

Contact Type: Coaxial 50 Ohm (Crimp) Type C
Contact Dia.: 0.7 mm (0.03in)
R (max): 5.8 mOhm
Test voltage (kV rms): 0.7
Test voltage (kV dc): 1
Cable type: RG 179 B/U, RG 187 A/U

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	L	M	S1	S2
mm.	19	22	85	65	19	19
in.	0,75	0,87	3,35	2,56	0,75	0,75

RECOMMENDED BY LEMO

Tools

Extractor:	DCC.91.384.5LA
Die Tool:	DPE.99.103.8K
Spanner wrench:	DCD.3E.030.PA150

Caps: BFG.3K.100.NAS