

SUMMARY



Image is for illustrative purpose only

Wires

Low	16
High	0
Coax	2
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	3B
Termination type	Male solder Mixed coaxial /
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	PHG.3B.856.CJLD121
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FA*: Fixed plug, non-latching, nut fixing
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	36.27 g

Performance

Configuration	3B.856 : 2 Coax (50 Ohm), 16 Low V.
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	7 Amps

Specifications

Contact Type:	Coaxial 50 Ohm (Crimp) Type C
Max. Matings:	5000
Contact Dia.:	0.7 mm (0.03in)

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R (max): 5.8 mOhm
 Test voltage (kV rms): 0.7
 Test voltage (kV dc): 1
 Cable type: RG 174 A/U, RG 188 A/U, RG 316 /U

Others

Temp (min / max): -55° C / +250° 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
 Climatological Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	B	E	L	M	N	S1	S3	e
mm.	22	25.2	5.8	32.1	17	30.2	16.5	22	M18x1.0
in.	0,87	0,99	0,23	1,26	0,67	1,19	0,65	0,87	

RECOMMENDED BY LEMO

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Tools

Extractor: DCC.91.384.5LA

Coax Tool: -

Die Tool: DPE.99.103.8K

Cables

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