

SUMMARY

Wires

Low	48
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	4B
Termination type	Male solder
IP rating	50
Cable Ø	9.10 - 10.50 mm
Matching parts	
Status	active
Alternative part	



Image is for illustrative purpose only

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[See video assembly instructions](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FGY*: Straight plug, cable collet and PSU or PPSU outer shell
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Environment friendly aluminium
Cable Fixing	D10: 9.1 - 10.5 mm
Variant	
Weight	74.58 g

Performance

Configuration	
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	1.5 Amps

Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	0.7 mm (0.028in)

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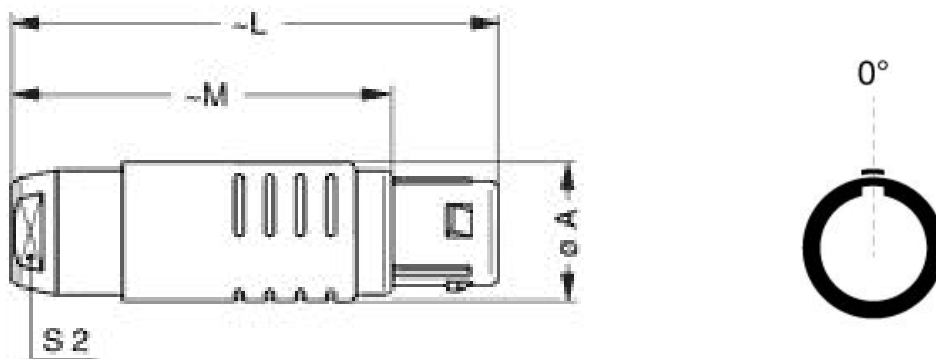
Bucket Dia.: 0.8 mm (0.031in)
Max. Stranded Conductor: 0.34 mm² (AWG 22)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm

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
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	L	M	S2
mm.	26	76.2	58.2	20
in.	1,02	3,00	2,29	0,79

RECOMMENDED BY LEMO

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Tools

Caps: BFG.4B.100.NAS

Cables

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