SUMMARY

Wires

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

Image is for illustrative purpose only

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Catalog

Series	5S
Termination type	HV contact
IP rating	50
Cable Ø	7.10 - 8.00 mm
Matching parts	ERA.5S.438.CLL
Status	
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
Keying	
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	C82: 7.1 - 8 mm
Variant	

Performance

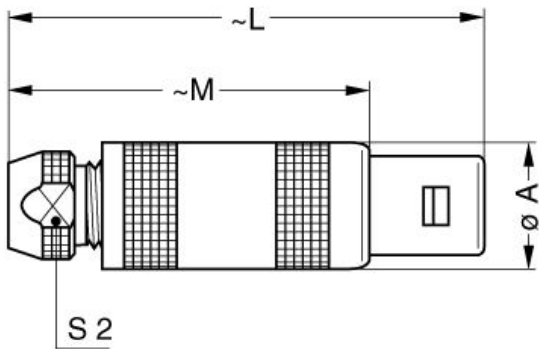|	
Configuration	5S.438 : 8 High Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	

Specifications

Contact Type: Solder
Working voltage HV contact - Us (kV rms) 2.1
Test voltage LV Ue (kV rms) -
Rated current LV (A) -

Others

Endurance (Shell): 5000 mating cycles
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: >144 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.	35	103	78	29
in.	1,38	4,06	3,07	1,14

RECOMMENDED BY LEMO

Tools

Caps: BFA.5S.100.NAS

Cables