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Summary

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Number of contacts Low Voltage	2
Gender	Standard
Plug	Plug - Bridge
Locking system	Snap-on
Size	1B
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/crg-1b-302-plej.html

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Technical details

Electrical Configuration

Insert configuration value	1B.302 - 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	15 A
Contact Dia.	1.3 mm (0.05in)
Number of contacts Low Voltage	2
Gender	Standard

Form & Material

Shell style / Model id	CRF - Bridge plug with two non-latching plugs with monitoring output
Plug	Bridge
Housing material	PSU (Polysulfone) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Snap-on
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Yellow
Variant	Yellow
Weight	23.88 g

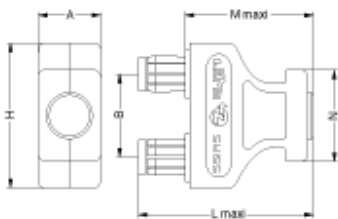
Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-20°C / +90°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>144 hr

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Drawings



Dimensions

	B	L	M	N	H	A
mm.	20	42	31	22	35	15
in.	0.79	1.65	1.22	0.87	1.38	0.59

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