

Standard



Image for illustrative purpose only

Summary

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SE series

[Customer Drawing](#)

Number of contacts Low Voltage	2
Number of contacts High Voltage	1
Wire Size/AWG	28 - 20
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.30 - 18.60 mm
Size	2E
Suggested matching part	FFA.2E.702.CJAC70
Series	E - Outdoor Stepped Insert

Technical details

Electrical Configuration

Number of contacts Low Voltage	2
Contact Termination Low voltage	Solder
Number of contacts High Voltage	1
Contact Termination High voltage	Solder
Insert configuration value	2E.702 - 1 High V. 2 Low V.
Footprint IPC Class3 compatibility	No
Insulator	J: PEEK/PEEK
Rated current	15 A
Test voltage HV contact - Ue (kV rms)	6.3
Air clearance	10 mm
Creepage distance	10 mm
Wire Size/AWG	28 - 20

Form & Material

Shell style / Model id	HGP - Fixed receptacle, nut fixing, watertight or vacuum-tight
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	Hermaphroditic keying (half moon insert) with female pin 1
Colour	Grey
Variant	Watertight / Vacuum-tested unmated (connector to device)
Weight	45.12 g

Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	Hermetic unmated
Endurance	5000 mating cycles
Temperature range	-20°C / +80°C
Climatic Category	20/80/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Pressure	40 bars
R leak (He) (max)	10 ⁻⁷ mbar·l/s (if vacuum-tested)
Salt Spray Corrosion	>1000 hr

Cable fixation

Jacket cable outside diameter [mm]	1.30 - 18.60 mm
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Recommended By Lemo

Accessories

Compatible cap	BRE.2K.200.NAS
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https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/hgp-2e-702-cjlpv.html

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