

Standard



*Image for illustrative purpose only*

## Summary

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[high voltage connector Y S E 05 LEMO](#)

[Customer Drawing](#)

Number of contacts High Voltage	1
Plug	Plug - Straight
Locking system	Push-pull
Size	3S
Suggested matching part	<a href="#">EHP.3S.460.CLL</a> <a href="#">EHR.3S.460.CLL</a>
Alternative part	<a href="#">FFB.3S.460.CLAC11</a>
Series	S - Indoor Stepped Insert

# Technical details

## Electrical Configuration

Number of contacts High Voltage	1
Contact Termination High voltage	Solder
Insert configuration value	3S.460 - 1 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	10 A
Test voltage (kV DC)	2.25/7.5
Air clearance	1.7 mm
Creepage distance	5.5 mm

## Form & Material

Shell style / Model id	FFB - Straight plug, cable collet and safety locking ring
Plug	Straight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	Circular, male
Colour	Grey
Weight	61.85 g

## Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
Climatic Category	55/175/21
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	>1000 hr

[https://www.lemo.com/int\\_en/catalog/product/view/id/529317/s/ffb-3s-460-clac10/category/38/](https://www.lemo.com/int_en/catalog/product/view/id/529317/s/ffb-3s-460-clac10/category/38/)

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## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet

# Recommended By Lemo

## Accessories

Compatible cap	<a href="#">BFG.3B.100.PCSG</a>
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## Tools

Spanner wrench	<a href="#">DCP.91.023.TN</a>
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