



Image for illustrative purpose only

Summary

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

Number of contacts High Voltage	1
Wire Size/AWG	30 - 22
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	5
Suggested matching part	FFR.05.403.LLAE141

https://www.lemo.com/int_en/pes-05-403-llle141.html

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Technical details

Electrical Configuration

Number of contacts High Voltage	1
Contact Termination High voltage	Solder
Footprint IPC Class3 compatibility	No
Rated current	4 A
Contact resistance	<8 mOhms
Test voltage	12kV (dc) / 1 min
Contact Dia.	0.7
Wire Size/AWG	30 - 22

Form & Material

Shell style / Model id	PES - Fixed receptacle, nut fixing, with cable crimping (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Aluminum alloy (anodized) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	Circular, female
Weight	2.05 g

Environment

Environmental sealing (IP rating)	IP50
Endurance	>200 mating cycles
Radiation resistance	10e6 Gray
Working temperature	-20 deg C to + 125 deg C

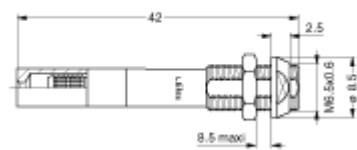
Cable fixation

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

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Drawings



Dimensions

	L	A
mm.	42	8.5
in.	1.65	0.33