



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	64
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	5F
Suggested matching part	<a href="#">FGX.5F.364.XLM</a>
Series	F - Rugged Push-Pull

[https://www.lemo.com/int\\_en/solutions/optima/f-rugged-push-pull/hex-5f-364-xldp.html](https://www.lemo.com/int_en/solutions/optima/f-rugged-push-pull/hex-5f-364-xldp.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	64
Contact Termination Low voltage	PCB - Straight
Insert configuration value	5F.364 - 64 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	3 A
Vtest (contact-contact)	1350 V (AC), 1910 V (DC)
Vtest (contact-shell)	1850 V (AC), 2600 V (DC)
Gender	Reverse Gender

## Form & Material

Shell style / Model id	HE - Fixed receptacle, nut fixing, for printed circuit (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Locking system	Push-pull
Keying	5 keys (alpha=100, beta=125, gamma=40, delta=20, plug: female contacts, receptacle: male contacts)
Colour	Grey
Variant	Watertight unmated (connector to device)
Weight	6 g

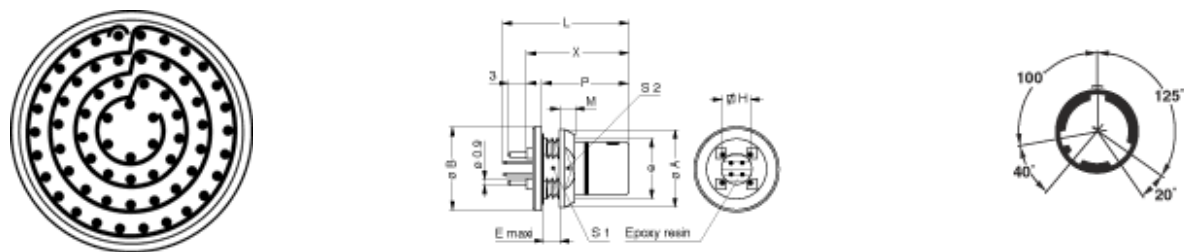
## Environment

Technical domain	Motorsport, Security and Defence
Environmental sealing (IP rating)	IP68
Endurance	1000 mating cycles
Temperature range	-15°C / +100°C
Climatical Category	15/200/21 (Aluminium shell)
Humidity (max)	<=95% [at 60 deg C /140 F]
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Pressure	5 bars
Salt Spray Corrosion	max. 48 hr

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# Drawings



## Dimensions

	A	B	e	E	H	L	M	P	S1	S2	X
mm.	38	38	M33x1.0	6.4	20.32	32.2	5	24	31	34	27.4
in.	1.5	1.5		0.25	0.8	1.27	0.2	0.94	1.22	1.34	1.08

# Recommended By Lemo

## Tools

Spanner 2	DCM.65.340.AZ
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