Summary

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Catalog
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Low Voltage	5
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	0F
Matching parts	FGN.0F.305.XLC
Series	F - Rugged Push-Pull

Technical details

Electrical Configuration

Contact Termination Low voltage	PCB - Straight
R (max)	6.1 mOhm
Insert configuration value	0F.305 - 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	6.5 Amps
Vtest (contact-contact)	1250 V (AC), 1770 V (DC)
Vtest (contact-shell)	1200 V (AC), 1700 V (DC)
Contact Type	Print (straight)
Contact Dia.	0.7 mm (0.028in)
Low Voltage	5
Gender	Standard

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	3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts)
Variant	Watertight unmated (connector to device)
Weight	3.33 g

Environment

Technical domain	Motorsport, Security and Defence
Environmental protection (IP rating)	IP68
Minimal temperature	-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