

SUBSea Connector Series - MSC

Perfect connections for mission critical applications



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Description

The innovative SUBsea Series of connectors has been designed to meet the demanding environmental needs within Sub Sea Applications. Both Plug and Receptacle are fitted with a hermetic seal, MIL-DTL-38999 planforms, and keyways.

Typical Markets

- Oil & Gas
- Ocean research
- Military/Defence
- Deep-sea applications

SUBSea Connector Series - MSC

Features & Benefits:

The MSC SUBSea Connector offers the following features:

- 1500 PSI Capability in the mated condition
- Hermetically sealed Plug and Receptacle
- Coupling Method – UNEF Thread (for increased strength)
- Available in 2 mounting styles
- Visual Mating Indicator as per MIL-DTL-38999
- Integral back shell to improve EMI performance and space saving.

Planform Arrangements	MIL-DTL-38999 (Bespoke see Factory)
Salt Spray	In accordance with EIA-364-26 Condition C
Operating Temperature	-55°C to 200°C.
Insulator (Plug and Receptacle)	Glass.
Insulation resistance	> 5000 MOhms @ 500 Vdc
Contact Materials	Nickel based Alloy, Copper. (Gold plated)
Shell Material	Stainless Steel
Coupling Nut Material	Marine Bronze
Contact Sizes	MIL-DTL-D38999 (Up to contact size 12)
Sealing Capability	1500 PSI (Mated condition)
Added Value	Over moulded/Silicon Boot Harness assemblies
Coupling Mechanism	UNEF Thread Class 2A
Mounting Styles	Jam Nut / Square Flange
Leakage Rate	< 1x10 ⁻⁸ cc/sec (He)

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