

PDM

Subsea products and services

Courtesy TSS



Impulse High Density Connectors

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The new range of high density (MHD) connectors from Impulse offers the very latest design features and several improvements. In particular the new product incorporates a metal reinforcing ring on the front of the GRP insert. This feature greatly increases the connector's resistance to handling and in-service damage.

The connectors offer exceptionally high contact densities (up to 22 contacts per cm²) making them compact and ideal for instrumentation & communications systems. Despite this high contact density, good electrical properties are maintained with careful wiring.

The standard product is manufactured in 316 stainless steel but special versions can be supplied in alternative materials. The connectors have been used in many projects including those for Chelsea Technology Group (Towed Body) & TSS (Pipe Tracker). The connectors are available in many sizes from 3 to 78 contacts and in bulk head, inline and flange configurations. Inverted versions are now available. The connectors are rated to 10,000psi mated & 5,000psi open face (Bulkhead).



A selection of High Density Connectors

To complete the cable assembly, PDM offers a rapid termination and moulding service. It also offers a comprehensive harness design and manufacturing facility at Alton.

All development and production work at Alton is carried out under BS EN ISO 9001:2000 to ensure the quality and reliability of the delivered product.

For more details of the product please contact Gary Kelly (UK Sales Manager) or Anders Hill (European Sales Co-ordinator) at Alton.

PRODUCT DATA

Configuration:	Bulkhead, Flange and Inline
Contacts:	3,4,5,7,9,10,12,14,16,19,24,26,49,55,61,78
Contact finish:	Gold
Threads:	9/16" - 18 UNF-2A to 1 1/8" - 16 UNF-2A
Shell:	316 SS
Insert:	Glass reinforced epoxy
Voltage max:	600 VDC
Current max:	10#(AWG)-25A,14#-15A,16#-12A,20#-3A,22#-2A
Pressure(mated):	10,000 PSI max.
Pressure(o/face):	5,000 PSI max. (Bulkhead)
Quality (Neptec):	BS EN ISO 9001
Specifications:	For full details see the Impulse catalogue.



High Density Connector application
(Courtesy Chelsea Technology Group)

Product brochures are available on

Cable Assemblies
Epoxy/Rubber Moulded Connectors
Underwater Pluggable Connectors
Design and Development Projects
Encapsulated Products
Micro Wet Pluggable Connectors
Wet Pluggable Connectors
Polyurethane Elastomers
Transition Zone Connectors
Quickcure Moulding System

Defence Projects
Titan Connectors
Penetrators
Bend Limiters
Polyethylene Products
Bend Restrictors
IE55 Connectors
Fibre Optic Connectors
Fibre Optic Penetrators
Polyethylene Moulding

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BS EN ISO 9001:2000