

MIL-STD-1760 Type 1

Stores Management Systems

The 1760 Type 1 range of connectors is designed to meet the electrical interface requirements of MIL-STD-1760.

The first tri-start threaded plug and lanyard release plugs can be used between aircraft and pylon.

For applications which require instant disconnection the lanyard release plug offers a viable solution.

FEATURES

- Tri-Start threaded plugs
- Lanyard release
- Shortened length lanyard release plug available
- Complies with MIL-DTL-38999 Series III
- Full environmental performance

COMPANY QUALITY APPROVALS

- Civil Aviation Authority A8-1
- BS EN ISO 9001
- Military Spec Approvals 38999
- BS9000 and CECC
- Underwriters Laboratories

With 30 years experience in designing and manufacturing at its own facilities, Deutsch UK can provide interconnection solutions for the most demanding of environments

BENEFITS

- Easy connection
- Instant disconnection through lanyard release

GENERAL SPECIFICATION

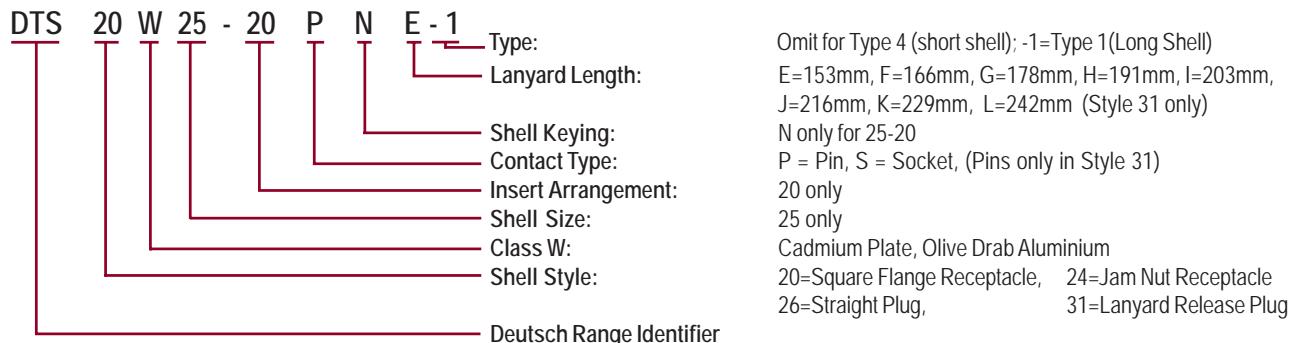
Material:	
Shell/coupling ring:	Aluminium Alloy
Plating:	Cadmium plate olive drab over nickel
Contacts:	
Material:	Gold plated Copper Alloy
Type:	Crimp
Insulators:	Thermoplastic
Interface Seal:	Fluorinated Silicone
Temperature:	-55°C to +175°C
Durability:	No electrical or mechanical defects after 500 cycles
Vibration:	As per MIL-DTL-38999
Thermal Shock:	As per MIL-DTL-38999

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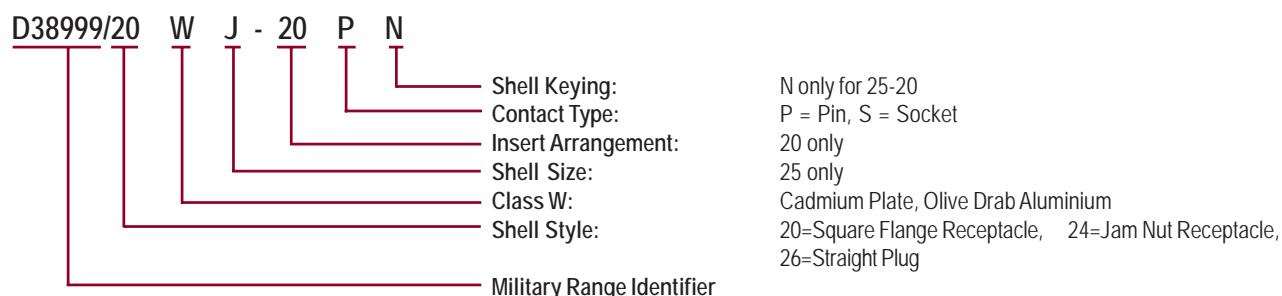
Email marketinguk@deutsch.net
www.deutsch.net

ORDERING INFORMATION - DEUTSCH PART NUMBER



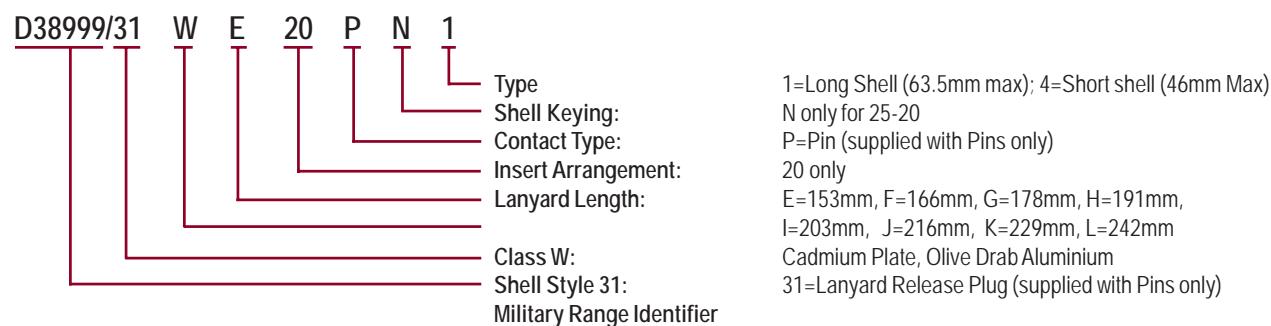
Omit for Type 4 (short shell); -1=Type 1(Long Shell)
 E=153mm, F=166mm, G=178mm, H=191mm, I=203mm,
 J=216mm, K=229mm, L=242mm (Style 31 only)
 N only for 25-20
 P = Pin, S = Socket, (Pins only in Style 31)
 20 only
 25 only
 Cadmium Plate, Olive Drab Aluminium
 20=Square Flange Receptacle, 24=Jam Nut Receptacle
 26=Straight Plug, 31=Lanyard Release Plug

MILITARY NUMBER - STANDARD PLUGS/RECEPTACLES



N only for 25-20
 P = Pin, S = Socket
 20 only
 25 only
 Cadmium Plate, Olive Drab Aluminium
 20=Square Flange Receptacle, 24=Jam Nut Receptacle,
 26=Straight Plug

MILITARY NUMBER - LANYARD RELEASE PLUGS



1=Long Shell (63.5mm max); 4=Short shell (46mm Max)
 N only for 25-20
 P=Pin (supplied with Pins only)
 20 only
 E=153mm, F=166mm, G=178mm, H=191mm,
 I=203mm, J=216mm, K=229mm, L=242mm
 Cadmium Plate, Olive Drab Aluminium
 31=Lanyard Release Plug (supplied with Pins only)

For further options of Lanyard Release and Snatch Connectors please consult Deutsch

CONTACTS, TOOLING & FILLER PLUGS

NB: Filler plugs must be ordered separately as they are not supplied with the connectors

Contact Size & Type	Deutsch Part Number	Military Spec. Part Number	Crimping Tool	Crimping Tool Locator	Insert/Extract Tool	Filler Plugs
20 Pin	39841-20	M39029/58-363	M22520/1-01	M22520/1-04	M18969/14-02	600300-20
20 Socket	39843-20	M39029/56-351	M22520/1-01	M22520/1-04	M18969/14-02	600300-20
16 Pin	39841-16	M39029/58-364	M22520/1-01	M22520/1-04	M18969/14-03	600300-16
16 Socket	39843-16	M39029/56-352	M22520/1-01	M22520/1-04	M18969/14-03	600300-16
12 Shielded Pin	62290-211	M39029/28-211	Inner M22520/2-01	M22520/2-34	M18969/14-04	602064
12 Shielded Socket	602272-416	M39029/75-416	Outer M22520/31-01	M22520/31-02	M18969/14-04	602065
12 Coax Pin	602177	M39029/102-558	Inner Soldered	Not applicable	M18969/14-04	602064
12 Coax Socket	602176	M39029/103-559	Outer M22520/5-01	M2252/5-03	M18969/14-04	602065
10 Pin	602078-10	M39029/58-528	1716 P-I	Integral with tool	M18969/14-05	602068
10 Socket	602079-10	M39029/56-527	DMC	Integral with tool	M18969/14-05	602068
8 Twinax Pin	602081-A-9734*	M39029/90-529	Ctr M22520/2-01	K709	M18969/14-06	602066
8 Twinax Socket	602091-A-9734	M39029/91-530	Int M22520/5-01	Y631 Close B	M18969/14-06	602067
8 Twinax Pin (Speedy Crimp)	602080-A-9734*	Awaiting allocation	Outer M22520/5-01	Y631 Close A	M18969/14-06	602067
8 Twinax Socket (Speedy Crimp)	602090-A-9734*		Ctr TDB-CT-08	Integral with tool	M18969/14-06	602067
8 Twinax Socket (Speed Crimp Short Length)	60269-A-9734*		Int TDB-CT-08	Integral with tool	M18969/14-06	602067
			Outer M22520/5-01			

* MOD 9734 - Includes Contact sealing boot

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[M39029/90-529](#) [M39029/91-530](#)