

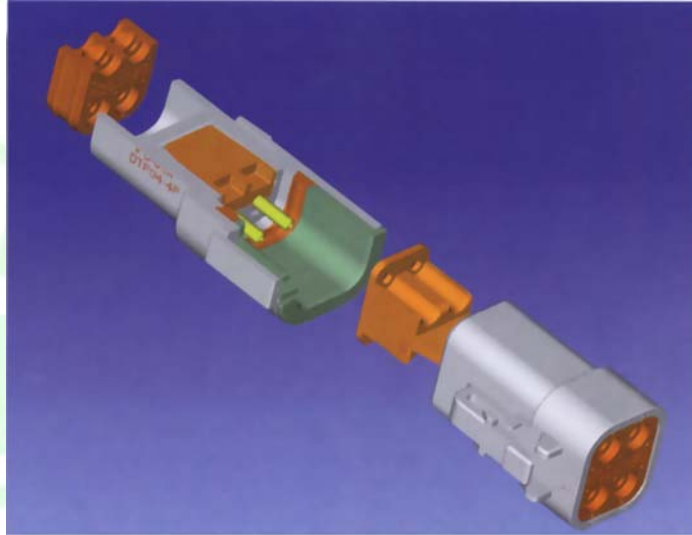
DEUTSCH

Industrial Products Division

The Deutsch DT connector family has proven it will stand up to the most demanding applications in the heavy duty equipment industry. In response to customer demand, Deutsch has expanded our Deutsch Transportation line to now include power contacts.

The new DTP connectors offer the DTM design enhancements and the ability to incorporate power contacts in an inexpensive connector package. Deutsch is currently offering the two and four pin configurations.

So if you're looking for an inexpensive, high quality environmentally sealed connector for your power applications, give the DTP a try. Deutsch quality . . . at a reasonable price. The best of both worlds.



**DTP: New Inline
Multipin Power Connector**

Product Data Sheet

DTP ENVELOPE DATA

MATERIAL SPECIFICATION

Housing (Plug & Receptacle)

Thermoplastic

Seals - Silicone Elastomer

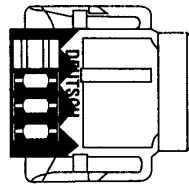
Secondary Locks - Thermoplastic

Contacts - Copper Alloy, Selective Nickel /

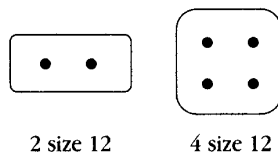
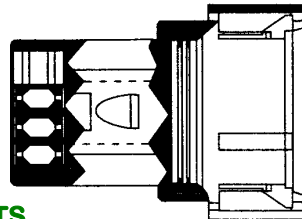
Tin Plated

Gold Optional

PLUG



RECEPTACLE



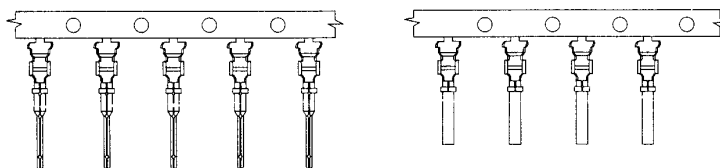
2 size 12

4 size 12

CONTACTS

Stamped & Formed - Crimp Type

Stamped & Formed Crimp Type - Nickel plated front, tin plated crimp ear
(2500 per reel) Gold Optional

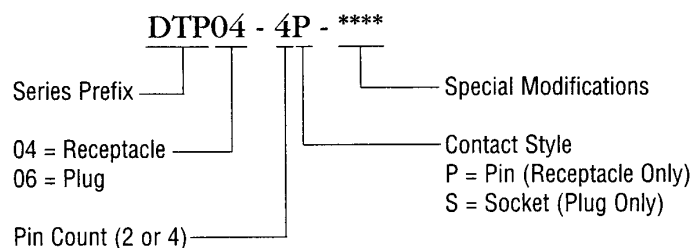


STAMPED & FORMED CONTACT PART NUMBER	SIZE & TYPE	WIRE GAGE RANGE	RECOMMENDED STRIP LENGTH	HAND CRIMP TOOL
1060-12-0166	PIN	12 & 14	.250 ± .025	DTT-12-00
1062-12-0166	SOCKET	12 & 14	.250 ± .025	DTT-12-00

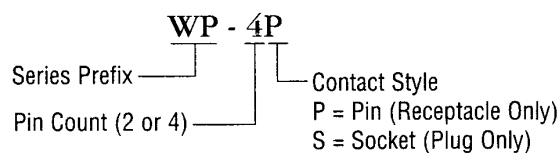
DTP also accepts HD30 12 size contact

DTP PART NUMBERING SYSTEM

Connector Housing



Wedge



dtp_productdatasheet.pdf-101901

PERFORMANCE SPECIFICATIONS

DIELECTRIC WITHSTANDING VOLTAGE

Current leakage less than 2 milliamps at 1500 VAC

CRIMP TENSILE STRENGTH

#12 Size Contacts - 70 lbs

TEMPERATURE

Operating at temperatures from -55°C +125°C @ rated Current.

PHYSICAL SHOCK

No unlocking, unmating, or other unsatisfactory results during or after 50 g's in each of three usually perpendicular planes. No electrical discontinuities longer than 1 microsecond. MIL - STD 202. Method 213, Condition "C".

CONTACT CURRENT RATING

#12 Size Contact rated at 25 amps continuous at 125°C.

VIBRATION

Maintains continuity and exhibits no mechanical or physical damage after vibration levels of 20 G's at 10 -2000 Hz.

INSULATION RESISTANCE

1000 megohms minimum at 25°C

MOISTURE RESISTANCE

Water does not penetrate seals when submerged in 3 feet of water.

CORROSION RESISTANCE

Connectors show no evidence of corrosion after exposure to 48 hours of salt spray per MIL - STD 1344, method 1001.

FLUID RESISTANCE

Connectors show no damage when exposed to most fluids used in industrial applications.

WIRE SEALING RANGE

Standard product seals on smooth insulation from 0.134 - 0.170 inch. (3.40 - 4.32 mm)

Thin Wall Seals (-C015 mod) seals on smooth insulation from 0.097 to 0.158 inch. (2.46 - 4.01 mm)

For Regional Information Contact ...



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