



## DT CAT Series 12 Circuit Deutsch Connector Kit

#DT12CAT

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### DESCRIPTION

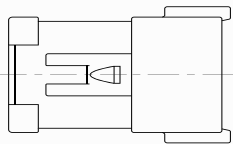
12 circuit DT CAT Series Deutsch connector kit.

Deutsch DT Series of environmentally sealed connectors are designed specifically for cable to cable applications on the engine or transmission, under the hood, on the chassis or in the cab. The CAT E005/EP06 modification offers a protective end cap attached to the rear of the connector. They are used on most Caterpillar mining machinery as an OEM standard connector and meet Caterpillar Specifications. Thermoplastic housing and silicon rubber seals.

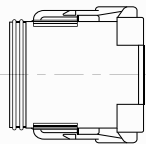
### FEATURES

- Accepts contact size 16 (13 amps)
- In-line, flange or PCB mounts available
- Thermoplastic housing and intergrated latch for mating
- Wedgelocks confirm contact alignment and retention

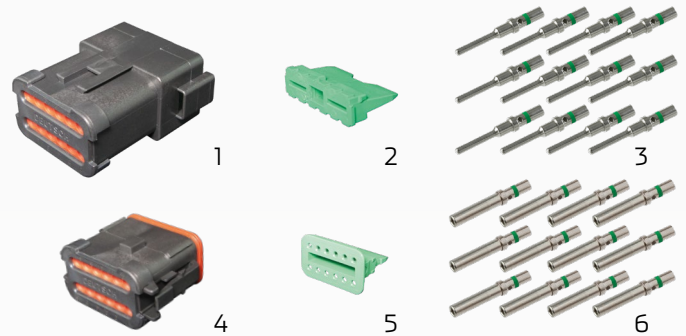
### DIMENSIONS



40.56mm W x 22.25mm H x 47.19mm L  
DT04-12PA-E005



40.56mm W x 20.83mm H x 32.21mm L  
DT06-12SA-EP06



### COMPONENTS

No.	Part No.	Description
• 1	• DT04-12PA-E005	• 12 circuit DT CAT series receptacle housing to take male pins
• 2	• W12P	• 12 circuit pin wedge
• 3	• P16GN/1	• Male pin. Takes 3-4mm auto cable
• 4	• DT06-12SA-EP06	• 12 circuit DT CAT series plug housing to take female sockets
• 5	• W12S-P012	• 12 circuit socket wedge
• 6	• S16GN/1	• Female socket. Takes 3-4mm auto cable

### TECHNICAL SPECIFICATIONS

<b>Operating Temperature</b>	• -55° C to 125° C
<b>Voltage</b>	• Up to 250V DC
<b>Amperage</b>	• 13 Amps per Circuit
<b>Fluid Resistance</b>	• No Damage from Industrial Fluids
<b>Moisture Resistance</b>	• 3 Feet Immersion with Proper Wiring
<b>Flammability</b>	• UL Recognized, Standard UL-94
<b>Dielectric Strength</b>	• < 2 mA @ 1500V AC

<b>Connector System</b>	• Wire to Wire
<b>Primary Locking Feature</b>	• Integrated in Housing
<b>Centreline (Pitch)</b>	• 4.5mm
<b>IP Rating</b>	• IP68
<b>Insulation Resistance</b>	• 1000 Megaohms Min @ 25° C
<b>Vibration Resistance</b>	• No Mechanical / Physical Damage @ 20Gs rms at 10 to 2000Hz