



**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/E006 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.

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

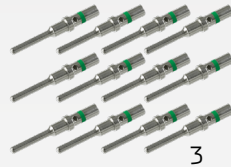
PRODUCT BREAKDOWN



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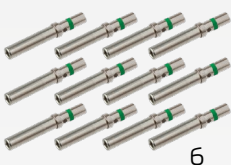
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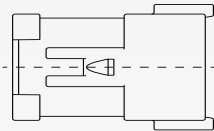
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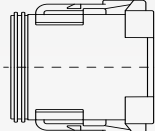
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40.56mm W x 22.25mm H x 47.19mm L
DT04-12PA-E005



40.56mm W x 20.83mm H x 32.21mm L
DT06-12SA-E006

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-E006	• 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

Connector System	• Wire to wire
Primary Locking Feature	• Integrated in housing
Number of Positions	• 12 positions, 2 rows
Mating Pin Diameter	• 1.5mm
Contact Rating	• 13A max per contact
Voltage Rating	• Up to 250 Volt DC
Operating Temperature	• -55°C to 125°C

Flammability	• UL recognized, standard UL-94
Agency Standard	• SAE J2030
Insulation Resistance	• 1000MΩ minimum at 25°
Vibration Resistance	• No mechanical / physical damage @ 20Gs rms at 10 to 2000Hz
IP Rating	• IP68
Dielectric Withstand Voltage	• Current leakage < 2mA @ 1500V AC