



## DTHD Series 25A Deutsch Connector Kit

#DTHD1-12KIT

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### DESCRIPTION

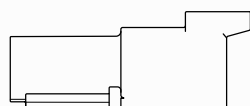
Heavy duty 25 Amp single circuit DTHD connector kit.

Complete with male & female housing & terminals. Deutsch DTHD Series are environmentally sealed connectors, specifically designed for cable to cable applications on the engine or transmission, under the hood, on the chassis or in the cab. Where even a small degradation & signal level in connection may be critical, the DTHD Series heavy duty connectors will provide reliability and performance.

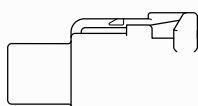
### FEATURES

- Accept contact size 12 (5mm auto cable)
- Polyetherimide housing
- Integrated latch for mating, easy to install
- Compact and environmentally sealed to IP68 standard

### DIMENSIONS



18.03mm W x 21.59mm H x 52.53mm L  
DTHD04-1-12P



14.48mm W x 19.58mm H x 38.05mm L  
DTHD06-1-12S

### COMPONENTS

No.	Part No.	Description
• 1	• DTHD04-1-12P	• Single circuit DTHD series receptacle housing to take size 12 male pin.
• 2	• P12/1	• Size 12 male pin. Takes 5mm auto cable.
• 3	• DTHD06-1-12S	• Single circuit DTHD series plug housing to take size 12 female socket.
• 4	• S12/1	• Size 12 female socket. Takes 5mm auto cable.

### TECHNICAL SPECIFICATIONS

Operating Temperature	• -55° C to 125° C
Amperage	• 25 Amps per circuit
Connector System	• Wire to wire
Body Material	• PEI (Polyetherimide)
Primary Locking Feature	• Integrated in housing
Mating Pin Diameter	• 2.5mm
IP Rating	• IP68 rated

Circuit Application	• Power & signal
Durability Resistance	• No damage after 100 re-engagement
Dielectric Withstand	• Less than 2mA @ 1500V AC
Insulation Resistance	• 1000 Megaohms min @ 25° C
Moisture Resistance	• 3 feet immersion with proper wiring
Vibration Resistance	• No mechanical / physical damage @ 20Gs rms at 10 to 2000Hz