



DTHD Series 100A
Deutsch Connector Kit
#DTHD1-04KIT
www.te.com



DESCRIPTION

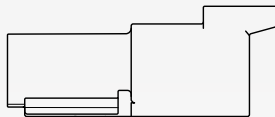
Heavy duty 100 Amp single circuit DTHD connector kit.
Complete with male & female housing & terminals. Deutsch DTHD Series are environmentally sealed connectors, specifically designed for cable to cable applications on the engine or transmission, under the hood, on the chassis or in the cab. Where even a small degradation & signal level in connection may be critical, the DTHD Series heavy duty connectors will provide reliability and performance.



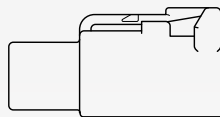
FEATURES

- Accept contact size 4 (6 B&S auto cable)
- Up to 100 Amp withstanding amperage
- Polyetherimide housing
- Intergrated latch for mating, easy to install
- Compact and environmentally sealed to IP68 standard

DIMENSIONS



26.54mm W x 29.72mm H x 52.53mm L
DTHD04-1-4P



22.23mm W x 27.33mm H x 38.05mm L
DTHD06-1-4S

COMPONENTS

No.	Part No.	Description
• 1	• DTHD04-1-4P	• Single circuit DTHD series receptacle housing to take size 4 male pin.
• 2	• P4/1	• Size 4 male pin. Takes 6 B&S auto cable.
• 3	• DTHD06-1-4S	• Single circuit DTHD series plug housing to take size 4 female socket.
• 4	• S4/1	• Size 4 female socket. Takes 6 B&S auto cable.

TECHNICAL SPECIFICATIONS

Operating Temperature	• -55° C to 125° C
Amperage	• 100 Amps per circuit
Connector System	• Wire to wire
Body Material	• PEI (Polyetherimide)
Primary Locking Feature	• Integrated in housing
Mating Pin Diameter	• 6mm
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