



## DTHD Series Housing

Sold Individually

[www.te.com](http://www.te.com)



### DESCRIPTION

Deutsch DTHD 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.

Where signal level circuits in harsh environmental conditions, where even a small degradation in connection may be critical, the Deutsch DTHD Series heavy duty connectors will provide reliability and performance.



### TECHNICAL SPECIFICATIONS

<b>Operating Temperature</b>	• -55° C to 125° C	<b>Circuit Application</b>	• Power & signal
<b>Operating Voltage</b>	• 250V DC	<b>Durability Resistance</b>	• No damage after 100 re-engagement
<b>Connector System</b>	• Wire to wire	<b>Dielectric Withstand</b>	• Less than 2mA @ 1500V AC
<b>Body Material</b>	• PEI (Polyetherimide)	<b>Insulation Resistance</b>	• 1000 Megaohms min @ 25° C
<b>Primary Locking Feature</b>	• Integrated in housing	<b>Moisture Resistance</b>	• 3 feet immersion with proper wiring
<b>Cable Exit Angle</b>	• 180°	<b>Vibration Resistance</b>	• No mechanical / physical damage @ 20Gs rms at 10 to 2000Hz
<b>IP Rating</b>	• IP68 rated		

### PART NUMBERS

Part Number.	Dimensions (mm)	Amperage	Terminal Size	Description
DTHD04-1-12P	• 18.03 W x 21.59 H x 52.53 L	• 25 Amp	• P12/1 (5mm auto)	• 25 Amps DTHD Series receptacle housing. Takes male pins
DTHD06-1-12S	• 14.48 W x 19.58 H x 38.05 L		• S12/1 (5mm auto)	• 25 Amps DTHD Series plug housing. Takes female sockets
DTHD04-1-8P	• 26.54 W x 29.72 H x 52.53 L	• 60 Amp	• P8/1 (8 B&S)	• 60 Amps DTHD Series receptacle housing. Takes male pins
DTHD06-1-8S	• 22.23 W x 27.33 H x 38.05 L		• S8/1 (8 B&S)	• 60 Amps DTHD Series plug housing. Takes female sockets
DTHD04-1-4P	• 26.54 W x 29.72 H x 52.53 L	• 100 Amp	• P4/1 (6 B&S)	• 100 Amps DTHD Series receptacle housing. Takes male pins
DTHD06-1-4S	• 22.23 W x 27.33 H x 38.05 L		• S4/1 (6 B&S)	• 100 Amps DTHD Series plug housing. Takes female sockets