



DT06-12SD-B016 Product Details

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DT Environmentally-Sealed Connectors

DT PLUG ASM

DT06-12SD-B016

TE Internal Number: DT06-12SD-B016

Product Highlights [View All](#)

- DT Series
- Wire-to-Wire
- Applies To Plug
- Connector
- Plug

Pricing & Availability

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Documents

Features

Compliance

Please Note:

Use the Product Drawing for all design activity

Product Type Features

Product Type	Connector
Connector Type	Plug
Wire Insulation Diameter (mm [in])	2.24 – 3.68 [0.088 – 0.145]
Wire/Cable Type	SXL, GXL & TXL
Sealed	Yes

Mechanical Attachment

Contact Retention	With
Contact Retention Type	Retention Finger/Locking Wedge
Mating Retention Type	Latch(ing)

Electrical Characteristics

Contact - Rated Current (A)	13
Operating Voltage Reference	DC
Operating Voltage (VDC)	250

Termination Features

Wire/Cable Size (mm ²)	0.5 – 2
Wire/Cable Size (AWG)	14 – 20
Termination Method to Wire/Cable	Crimp
Seal Type	Grommet

Dimensions

Contact Qty Size 16	12
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Body Features

Wire Type	Stranded
Cable Exit Angle	180°
Mating Retention	With

Contact Features

Contact Type	Socket
Contact Layout	In-Line

Housing Features

Connector Style	Plug/Receptacle
Housing Material	Thermoplastic
Housing Color	Brown
Mating Alignment	With
Mating Alignment Type	Keyed

Configuration Features

Number of Positions	12
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Industry Standards

RoHS/ELV Compliance	RoHS compliant, ELV compliant
RoHS/ELV Compliance History	Always was RoHS compliant
UL Flammability Rating	UL 94V-0

Identification Marking

Keying	With
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Environmental

Operating Temperature (°C [°F])	-55 – +125 [-67 – +257]
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Conditions for Usage

Applies To	Plug
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Operation/Application

Application Use	Wire-to-Wire
Contact Transmits (Typical Application)	Signal/Power

Other

Series	DT
Brand	DEUTSCH

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