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DT13-12PA Product Details

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DT Environmentally-Sealed Connectors

DT RECP ASM

DT13-12PA 🍃

TE Internal Number: DT13-12PA

Product Highlights View All
- DT Series
- Wire-to-Board
- Applies To Header - Pin
- Connector
- Receptacle

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Feedback

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View Part in Product Feature Selector

Check for Tooling

Documents | **Features** | **Compliance**

Please Note:
Use the Product Drawing for all design activity

Product Type Features

Product Type	Connector
Connector Type	Receptacle
PCB Mounting Orientation	Right Angle
Sealed	Yes
PCB Mount Alignment	Without

Mechanical Attachment

Panel Mount Retention	With
Panel Mount Retention Type	Self Tapping Screw
Mating Retention Type	Latch(ing)

Electrical Characteristics

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

Termination Features

Seal Type	Flange
Termination Method to PC Board	Through Hole - Solder

Dimensions

Contact Qty Size 16	12
PCB Thickness, Recommended (mm [in])	1.60 – 1.80 [0.062 – 0.070]

Body Features

Header Type	Pin Header
Mating Retention	With

Contact Features

Contact Type	Pin
Contact Plating, Mating Area, Material	Nickel over Copper
Contact Base Material	Copper Alloy
Contact Layout	In-Line

Housing Features

Connector Style	Header - Receptacle
Housing Material	Thermoplastic
Housing Color	Gray
Mating Alignment	With
Mating Alignment Type	Keyed

Configuration Features

Number of Positions	12

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

Environmental

Operating Temperature (°C [°F])	125 [257]

Conditions for Usage

Applies To	Header - Pin

Operation/Application

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

Other

Series	DT
Brand	DEUTSCH

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