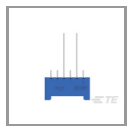
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CONNECTORS

HEADERS & RECEPTACLES







✔ Active

TE CONNECTIVITY (TE)

EP2.5 HDR 6P VERT W/O BOSS,TAPING,BLUE

Economy Power

|

Economy Power 2.5

2-2299683-6
TE Internal Number: 2-2299683-6

Not Yet Reviewed for EU RoHS
Not Yet Reviewed for EU ELV

Connector System Wire-to-Board

Number of Positions 6

Centerline (Pitch) (mm) 2.5

Termination Method to Wire/Cable Solder

PCB Mounting Orientation Vertical

PRODUCT DRAWING
English

3D PDF

DOCUMENTATION —

Product Drawings

HEADER ASSEMBLY,VERTICAL ECONOMY POWER,2.5mm CENTERLINE TAPING VERSION
PDF
English

CAD Files

3D PDF
PDF
3D

Downloaded from Arrow.com.

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Specifications

Application Specification

Economy Power (EP) 2.5 Contacts; Plug And Receptacle Housings; And Vertical And Right-Angle Headers

PDF

English

Product Specification

EP 2.5 Connector System

PDF

English

FEATURES

Please review product documents or contact us for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

Product Type Features

Connector System Wire-to-Board
PCB Mounting Orientation Vertical
Header Type Shrouded
Sealable No
Product Type Connector
Connector Type Header
Connector Style Plug
Glow Wire Rating Standard Part - Not Glow Wire

Configuration Features

Selectively Loaded No
Number of Positions 6
Number of Rows 1
Tail Orientation Inline
Backwall/Post Interruptions Without

Electrical Characteristics

Operating Voltage (VAC) 250

Body Features

Color Blue

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Contact Features

Contact Mating Area Plating Material Tin
Contact Mating Area Plating Thickness 2.03 µm [80 µin]
Contact Current Rating (Max) (A) 4.2
Contact Style Straight
Contact Base Material Brass
Contact Layout Inline
Contact Termination Area Plating Material Tin
Contact Termination Area Plating Thickness (µin) 80
Tail Plating Thickness 2.032 µm [80 µin]
Contact Transmits (Typical) Power, Signal (Data)
Contact Design Round Post
Contact Shape Round
Tail Plating Material Tin
Contact Type Pin

Termination Features

Termination Method to PC Board Through Hole - Solder
Termination Method to Wire/Cable Solder

Mechanical Attachment

PCB Mounting Style Through Hole
PCB Mount Alignment Without
Mating Retention With
PCB Mount Retention Without
Mating Alignment With
Mating Retention Type Latch
Mating Alignment Type Polarization
Contact Retention Without

Housing Features

Centerline (Pitch) (mm) 2.5
Housing Material PBT
Housing Color Blue

Dimensions

Height 8.8 mm [.346 in]
Tail Length 3.4 mm [.134 in]
Width 6.4 mm [.252 in]
PCB Thickness (Recommended) 1.6 mm [.063 in]
Length 17.5 mm [.69 in]
Mating Post Length 3.6 mm [.142 in]

Usage Conditions

Operating Temperature Range -55 – 105 °C [131 – 221 °F]

Operation/Application

Circuit Application Power
For Use With Connector/Cable Assembly

Packaging Features

Downloaded from Arrow.com.

Packaging Method Tape
Packaging Quantity 450

Statement of Compliance

Statement of Compliance
PDF

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Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

RH73H2A40MKTN 1-794222-0 1393431-1 2-292161-3 3430B2F51RTDF 1969656-1 2377783-2 SBCHE154R7K SMW73R0JT 2310537-1 141991-2 3631B101LL 650075-000 917696-1 3-1393225-0 TE50BR39J 936348-1 CPF0402B37K4E1 MPT100C18RF 2380312-2 1-962915-1 1903112-2 2005330-1 U5254-000005-030PA 175977-2 2834055-1 CRGCQ2010J3K3 SBCHE64R7K 1743455-2 ROX05SJ18R