© 2017 TE Connectivity Ltd. family of companies. All Rights Reserved

CONNECTORS

HEADERS & RECEPTACLES







✔ Active

TE CONNECTIVITY (TE)

EP2.5 HDR 2P VERT W/O BOSS,TAPING,YELLOW

Economy Power | Economy Power 2.5

4-2299683-1

TE Internal Number: 4-2299683-1

Not Yet Reviewed for EU RoHS

Not Yet Reviewed for EU ELV

Connector System Wire-to-Board

Number of Positions 2

Centerline (Pitch) 2.5 mm [.098 in]

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

Customer View Model

2D_DXF.ZIP

Downloaded from Arrow.com.

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
Sealable No
Connector & Contact Terminates To Printed Circuit Board
Product Type Connector
Connector Type Header
Connector Style Plug
Glow Wire Rating Standard Part - Not Glow Wire

Configuration Features

Number of Positions 2
Number of Rows 1
Tail Orientation Inline
Selectively Loaded No
Backwall/Post Interruptions Without

Electrical Characteristics

Operating Voltage (VAC) 250

Body Features

Color Yellow
Header Type Shrouded

Downloaded from Arrow.com.

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)
Tail Plating Material Tin
Contact Design Round Post
Contact Shape Round
Contact Type Pin

Termination Features

Termination Method to Wire/Cable Solder
Termination Method to PC Board Through Hole - 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) 2.5 mm [.098 in]
Housing Material PBT
Housing Color Yellow

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 7.5 mm [.3 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 900

Statement of Compliance

Statement of Compliance
PDF

Downloaded from Arrow.com.