



+ CONNECTORS

| RECTANGULAR POWER CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
EP 08P V-HDR ASY NO 3 PIN
[Economy Power](#) | [Economy Power](#)

2-1744435-8
TE Internal Number: 2-1744435-8

[EU RoHS Compliant](#)
[Not Yet Reviewed for EU ELV](#)

Product Type Header

Housing Type Plug

Connector System Wire-to-Board

Number of Positions 8

Centerline (Pitch) 3.96 mm [.156 in]

↓ **PRODUCT DRAWING**
[English](#)

↓ **3D PDF**

DOCUMENTATION

Product Drawings

HEADER ASSEMBLY-ECONOMY POWER VERTICAL, W/RETENTION PEGS, GLOW WIRE
PDF
English

CAD Files

3D PDF
PDF
3D

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Catalog Pages/Data Sheets

MTA, CST-100 II, SL-156 And AMP Economy Power (EP) Connectors

PDF

English

Product Specifications

Application Specification

Economy Power Receptacles, Housing, And Headers

PDF

English

Product Specification

Economy Power (EP) Connector

PDF

English

Product Environmental Compliance

TE Material Declaration

MD_2-1744435-8_10092015333_dmtec

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

Header Type Unshrouded

Product Type Header

Housing Type Plug

Connector System Wire-to-Board

Connector & Contact Terminates To Printed Circuit Board

Contact Type Tab

Configuration Features

Number of Positions 8
PCB Mounting Orientation Vertical
Number of Power Positions 8
Number of Rows 1
Contact Layout Inline
Backwall/Post Interruptions Without

Electrical Characteristics

Operating Voltage (VAC) 250
Operating Voltage (VDC) 250

Contact Features

Contact Current Rating (Max) (A) 8
Contact Retention Without
Contact Termination Area Plating Material Tin
Contact Mating Area Plating Material Tin
Contact Mating Area Plating Thickness 118 μm [3 μin]
Contact Termination Area Plating Thickness 3 μm [118 μin]
Contact Base Material Brass

Termination Features

Termination Method to PC Board Through Hole - Solder
Termination Post/Tail Length 3.7 mm [.145 in]

Mechanical Attachment

Panel Mount Feature Without
PCB Mount Alignment With
PCB Mount Alignment Type Pegs
Strain Relief Without
PCB Mount Retention With
Mating Alignment Without
PCB Mount Retention Type Tabs
Mating Retention With
Mating Retention Type Latch

Housing Features

Centerline (Pitch) 3.96 mm [.156 in]
UL Flammability Rating UL 94V-0
Housing Material PA 66

Dimensions

Length 31.68 mm [1.24 in]
Height 9.4 mm [.37 in]
Mating Post Length 7.7 mm [.303 in]
Width 8.21 mm [.323 in]

Usage Conditions

Operating Temperature Range -25 – 105 °C [-13 – 221 °F]
Sealed Condition Not Sealed

Operation/Application

Circuit Application Power

Industry Standards

Glow Wire Rating Standard Part - Not Glow Wire

Other

For Use With Plug Housing

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF

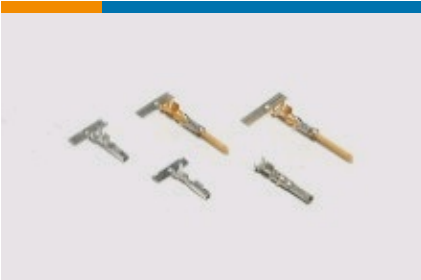
Compatible Products

> [Contact Product Support](#)

Also in the Series | [Economy Power](#)



PCB Latches, Locks & Retainers (1)



Power Contacts (5)



Rectangular Connector Housings (1)



Rectangular Power Connectors (269)



Wire Connectors (1)

