



CONNECTORS

RECTANGULAR POWER CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

3.96 EP HDR ASSY 5P R/A, GW

Economy Power | Economy Power

1744428-5

TE Internal Number: 1744428-5

EU RoHS Compliant

Not Yet Reviewed for EU ELV

Product Type Header

Contact Current Rating (Max) (A) 8

Housing Type Plug

Centerline (Pitch) (in) .156

Circuit Application Power

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

ASSEMBLY, EP HEADER, RIGHT ANGLE

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

Economy Power II (EP II) Glow Wire Test Compliant Connectors

PDF

English

Product Specifications

Application Specification

Crimping Economy Power (EP) Contact

PDF

Japanese

Product Environmental Compliance

TE Material Declaration

MD_1744428-5_09022014041_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

Product Type Header

Housing Type Plug

Contact Type Tab

Header Type Unshrouded

Configuration Features

Centerline (mm) 3.96

PCB Mounting Orientation Right Angle

Number of Power Positions 5

Number of Rows 1

Contact Layout Inline

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 80 μm [2.03 μin]
Contact Termination Area Plating Thickness 2 μm [80 μin]
Contact Base Material Brass

Termination Features

Termination Method to PC Board Through Hole - Solder
Termination Post/Tail Length 3.6 mm [.141 in]

Mechanical Attachment

PCB Mount Alignment Without
Strain Relief Without
PCB Mount Retention Without
Mating Alignment Without
Mating Retention With

Housing Features

Centerline (Pitch) (in) .156
UL Flammability Rating UL 94V-0
Housing Material Nylon

Dimensions

Length 19.8 mm [.779 in]
Height 9.4 mm [.37 in]
Mating Post Length 8.6 mm [.339 in]

Usage Conditions

Sealed Condition Not Sealed

Operation/Application

Circuit Application Power

Industry Standards

Glow Wire Rating GWT 750°C (Without Flame)

Packaging Features

Packaging Method Bag
Packaging Quantity 1000

Other

For Use With Receptacle Assembly
Selectively Loaded No
Backwall/Post Interruptions Without

Statement of Compliance

Statement of Compliance

PDF