



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

3.96EP HDR ASSY 2(3)P NATURAL

Economy Power | Economy Power

1-1123724-2

TE Internal Number: 1-1123724-2

Always EU RoHS/ELV Compliant

Product Type **Header**

Housing Type **Plug**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Contact Current Rating (A) **7.5**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[3.96MM PITCH ECONOMY POWER\(EP\) CONN HEADER ASSY](#)

PDF
English

[3.96MM PITCH ECONOMY POWER \(EP\) CONNECTOR HEADER ASSEMBLY](#)

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

[7-1773458-5_ECONOMY_POWER_QRG](#)

PDF
English

Product Specifications

Product Specification

[Economy Power \(EP\) Connector](#)

PDF
English

[EP II Connector System](#)

PDF
English

[ECONOMY POWER\(EP\) CONNECTOR\(BRASS\)](#)

TIF
Japanese

[ECONOMY POWER\(EP\) CONNECTOR\(BRASS\)](#)

PDF
Japanese

Application Specification

ECONOMY POWER(EP) CONNECTOR(BRASS)

PDF

English

Crimping Economy Power (EP) Contact

PDF

Japanese

Economy Power (EP)-II Contacts And Receptacle Housings

PDF

English

Product Environmental Compliance

TE Material Declaration

MD_1-1123724-2_0330201521_dmtec

PDF

English

Instruction Sheets

Instruction Sheet (non U.S.)

Economy Power (EP) Connector

TIF

Japanese

Economy Power (EP) Connector

PDF

Japanese

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

Pin, Tab

Header Type

Unshrouded

Configuration Features

Number of Positions

3

Centerline

7.92 mm [.312 in]

PCB Mounting Orientation

Vertical

Number of Rows

1

Contact Layout

Inline

Electrical Characteristics

Contact Current Rating (A)

7.5

Operating Voltage (VAC)

250

Contact Features

Contact Termination Area Plating Material

Tin

Contact Mating Area Plating Material

Tin

Contact Mating Area Plating Thickness

.8 μm [31.49 – 70.86 μin]

Contact Base Material

Brass

Contact Termination Area Plating Thickness

.8 μm [31.49 – 70.86 μin]

Termination Features	Termination Method to PC Board	Through Hole - Solder
	Termination Post/Tail Length	3.7 mm [.146 in]
Mechanical Attachment	Mating Alignment	With
	Mating Retention	With
	PCB Mount Retention	Without
	PCB Mount Alignment	Without
	Mating Retention Type	Latch
Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	Natural
	Housing Material	PBT GF
	Housing Style	Low Profile
Dimensions	Mating Post Length	7.7 mm [.303 in]
	Width	10.7 mm [.421 in]
	Height	8.2 mm [.32 in]
	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Length	11.82 mm [.465 in]
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Board
	Applies To	Printed Circuit Board
	Operating Temperature	-25 – 105 °C [-13 – 221 °F]
	Circuit Application	Power
Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
Packaging Features	Packaging Method	Bag
	Packaging Quantity	1000
Other	For Use With	Plug Housing
	Selectively Loaded	No

Products - 8 Results

View All

Compare 0/10

Relation Type

RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS



Connectors - Wire-to-Board Connector
Housings
Economy Power | Economy Power
**3.96 EP PLUG HSG
2P(YELLOW)**
- 2-1123722-2
TE INTERNAL NUMBER: 2-1123722-2

Active

Always EU RoHS/ELV Compliant

Centerline **3.96 mm**
Number of Positions **2**
Number of Rows **1**
Color **Yellow**
Mating Retention **With**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS



Connectors - Wire-to-Board Connector
Housings
Economy Power | Economy Power
**3.96 EP PLUG HSG
2P(RED) - 4-1123722-2**
TE INTERNAL NUMBER: 4-1123722-2

Active

Always EU RoHS/ELV Compliant

Centerline **3.96 mm**
Number of Positions **2**
Number of Rows **1**
Color **Red**
Mating Retention **With**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS



Connectors - Wire-to-Board Connector
Housings
Economy Power | Economy Power
**3.96 EP PLUG HSG
2P(BLACK) - 5-1123722-2**
TE INTERNAL NUMBER: 5-1123722-2

Active

Always EU RoHS/ELV Compliant

Centerline **3.96 mm**
Number of Positions **2**
Number of Rows **1**
Color **Black**
Mating Retention **With**



