

## **RECTANGULAR POWER CONNECTORS**















**PRODUCT DRAWING** 



TE CONNECTIVITY (TE)

3.96 EP HDR ASSY 5P(NATURAL)

Economy Power | Economy Power

1-1123723-5

TE Internal Number: 1-1123723-5

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

**Product Drawings** 

3.96MM PITCH ECONOMY POWER(EP) CONN HEADER ASSY

PDF **English** 

**CAD Files** 

3D PDF

PDF

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** 

ECONOMY POWER(EP) CONNECTOR(BRASS)

PDF **Enalish** 

Application Specification

Crimping Economy Power (EP) Contact

PDF Japanese

Economy Power (EP)-II Contacts And Receptacle Housings

PDF **English** 

Product Environmental Compliance

TE Material Declaration

MD\_1-1123723-5\_0503201452\_dmtec

PDF English

Instruction Sheets

**Termination Features** 

Instruction Sheet (non U.S.)

Economy Power (EP) Connector

Japanese

Economy Power (EP) Connector

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	5
	Centerline	3.96 mm [ .156 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 Method to PC Board

Termination Post/Tail Length

Through Hole - Solder

3.7 mm [ .146 in ]

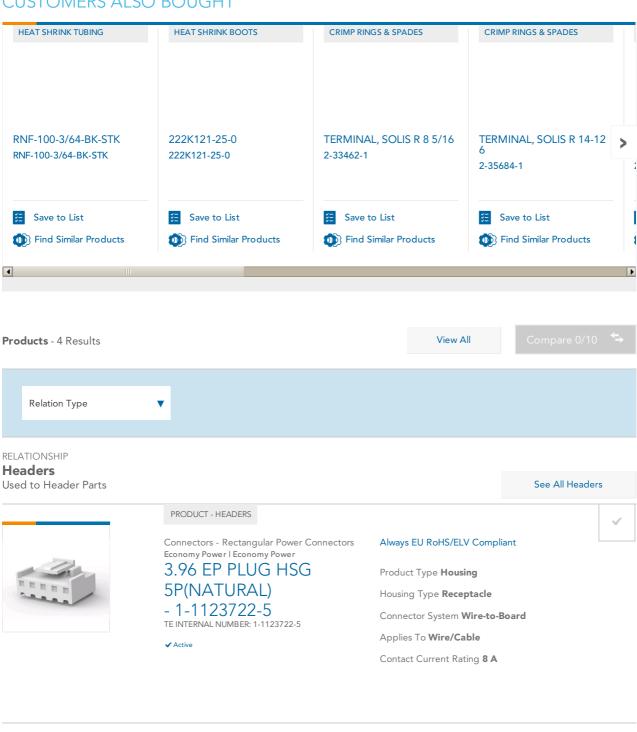
Mechanical Attachment	Mating Alignment	With
	Mating Retention	With
	PCB Mount Retention	Without
	PCB Mount Alignment	Without
	Mating Retention Type	Latch
Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	Natural
	Housing Material	PBT GF
	Housing Style	Low Profile
Dimensions	Mating Post Length	7.7 mm [ .3 in ]
	Width	10.7 mm [ .421 in ]
	Height	8.2 mm [ .32 in ]
	PCB Thickness (Recommended)	1.6 mm [ .063 in ]
	Length	19.74 mm [ .7772 in ]
Jsage 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
ndustry 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

Product Compliance

Statement of Compliance PDF

VIEW ALL PRODUCT COMPLIANCE

### **CUSTOMERS ALSO BOUGHT**





# **Mating Products**

Used to identify Mating Parts



PRODUCT - MATING PRODUCTS

Connectors - Rectangular Power Connectors Economy Power | Economy Power 3.96 EP PLUG HSG

5P(NATURAL) - 1-1123722-5
TE INTERNAL NUMBER: 1-1123722-5

✓ Active

Product Type **Housing** 

Always EU RoHS/ELV Compliant

Housing Type Receptacle

Connector System Wire-to-Board

Applies To Wire/Cable

Contact Current Rating 8 A



RELATIONSHIP

## **Mating Products**

Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

Connectors - Power Contacts Economy Power | Economy Power

## ECONOMY POWER CONN REC CONT - 1123721-2

TE INTERNAL NUMBER: 1123721-2

✓ Active

### Not reviewed for RoHS Compliance

Product Type **Contact** 

Contact Current Rating **7.5** A

Wire/Cable Size 22 - 18 AWG

Wire/Cable Size .34 – .75 mm²

Circuit Application Power

