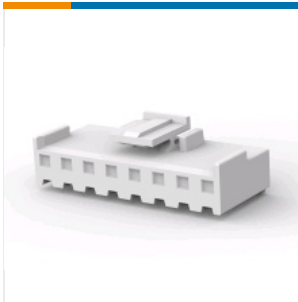




RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

3.96 EP PLUG HSG 8P(NATURAL)

Economy Power | Economy Power

1-1123722-8

TE Internal Number: 1-1123722-8

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Receptacle**

Connector System **Wire-to-Board**

Applies To **Wire/Cable**

Contact Current Rating (A) **8**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[3.96mm PITCH ECONOMY POWER \(EP\) CONN. PLUG HSG](#)

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

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

TIF
Japanese

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

PDF
Japanese

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

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

Housing

Housing Type

Receptacle

Contact Type

Socket

Configuration Features

Number of Positions

8

Centerline

3.96 mm [.156 in]

Number of Rows

1

Contact Layout

Inline

Electrical Characteristics

Contact Current Rating (A)

8

Operating Voltage (VAC)

250

Dielectric Withstanding Voltage (VAC)

1500

Insulation Resistance (MΩ)

1000

Termination Features

Wire/Cable Size (AWG)

22 – 18Wire/Cable Size (mm²)**.34 – .75**

Termination Method to Wire/Cable

Crimp

Mechanical Attachment

Mating Alignment

Without

Mating Retention

With

Mating Retention Type

Latch, Locking Latch

Strain Relief

Without

Housing Features

UL Flammability Rating

UL 94V-0

Housing Color

Natural

Housing Material

Nylon - GF

Dimensions	Length	31.62 mm [1.2448 in]
	Height	10.5 mm [.413 in]
	Accepts Wire Insulation Diameter Range	1.7 – 3 mm [.067 – .118 in]
	Width	13.3 mm [.524 in]
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Board
	Applies To	Wire/Cable
	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
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

Products - 11 Results

[View All](#)

Compare 0/10 

Relation Type ▼

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**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - W-T-B Headers & Receptacles
Economy Power | Economy Power

3.96 EP HDR ASSY 8P VERT HT - 1744055-8

TE INTERNAL NUMBER: 1744055-8

✓ Active

Always EU RoHS/ELV Compliant

Centerline **3.96 mm**

Number of Positions **8**

PCB Mounting Orientation

Vertical

PCB Mounting Style **Through
Hole**

Number of Rows **1**



RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)



PRODUCT - CONTACTS

Connectors - Power Contacts
Economy Power | Economy Power

EP CONN. REC CONTACT - 1123721-1

TE INTERNAL NUMBER: 1123721-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **8 A**

Operating Voltage **250 VAC**

Operating Voltage **250 VDC**

Wire/Cable Size **22 - 18 AWG**

