



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE) 06P EP-II HOUSING, NATURAL

Economy Power | Economy Power

2132781-6
TE Internal Number: 2132781-6

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Receptacle**

Connector System **Wire-to-Board**

Applies To **Wire/Cable**

Contact Current Rating (A) **6.5**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

RECEPTACLE HOUSING, ECONOMY POWER II, 3.96 CENTERLINE W/
RETAINING FEATURES

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

7-1773461-5_EPII_CONNECTOR_TPA_DEVICE
PDF
English

Product Specifications

Application Specification

Economy Power (EP)-II Contacts And Receptacle Housings
PDF
English

Product Environmental Compliance

TE Material Declaration

MD_2132781-6_091820141234_dmtec
PDF
English

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	6
Centerline	3.96 mm [.156 in]
Number of Rows	1
Contact Layout	Inline

Electrical Characteristics

Contact Current Rating (A)	6.5
Operating Voltage (VAC)	600

Contact Features

Contact Base Material	Phosphor Bronze
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Termination Features

Wire/Cable Size (AWG)	22 – 16
Wire/Cable Size (mm ²)	.32 – 1.31
Termination Method to Wire/Cable	Crimp

Mechanical Attachment

Mating Alignment	With
Mating Retention	With
PCB Mount Retention	Without
Mating Retention Type	Latch, Locking Latch
Panel Mount Retention	Without
Strain Relief	Without

Housing Features

UL Flammability Rating	UL 94V-0
Housing Color	Natural
Housing Material	Nylon - GF

Dimensions

Length	24.32 mm [.957 in]
Height	11 mm [.433 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	-55 – 105 °C [-67 – 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	

CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS

02P MTA156 CONN ASSY
20AWG LF
3-640600-2


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POWER CONTACTS

EP-II CONTACT LANCELESS, 20-16
1744201-1

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[Find Similar Products](#)


RECTANGULAR POWER CONNECTORS



08P EP-II HOUSING, NATURAL
2132781-8

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RIBBON CABLE CONNECTORS



MICRO-MATCH SMD FTE
188275-8

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Products - 1 Results

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Relation Type ▼

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS		
	Connectors - Rectangular Power Connectors Economy Power Economy Power 3 96 EP HDR ASSY AP	Always EU RoHS/ELV Compliant Product Type Header



3.78mm HDR ASSY 6P
W/PEGS - 1744057-6

TE INTERNAL NUMBER: 1744057-6

✓ Active

Product Type **Header**

Housing Type **Plug**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Contact Current Rating **8 A**