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Have a Question? Chat with a Product Information Specialist

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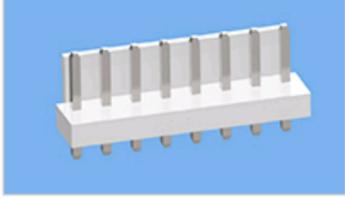Home > Products > Cabled Power Connectors > Product Feature Selector > Product Details

1744489-7 Product Details

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Economy Power Connectors

3.96 EP HDR ASY 07P NO PEG, GW

1744489-7 🍃

TE Internal Number: 1744489-7

✔ Active

📄 View 3D PDF

Product Highlights   View All

- Economy Power Product Line
- Connector
- Wire-to-Board
- Applies To Printed Circuit Board
- 7 Positions

Pricing & Availability ›

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Feedback

Related Products

Not quite the product you're looking for?
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View Part in Product Feature Selector

Check for Tooling

| Documents | **Features** | Compliance |

Please Note:
Use the Product Drawing for all design activity

Product Type Features

Product Line	Economy Power
Product Type ❓	Connector
Connector Type	Header
PCB Mounting Orientation	Vertical
PCB Mount Retention	Without
PCB Mount Alignment	Without
Sealed	No

Mechanical Attachment

Mating Retention Type	Latch(ing)

Electrical Characteristics

Contact - Rated Current (A)	7.5
Operating Voltage Reference	AC
Operating Voltage (VAC)	250

Termination Features

Termination Method to PC Board	Through Hole - Solder

Dimensions

Mating Post Length (mm [in])	7.70 [0.303]
PCB Thickness, Recommended (mm [in])	1.60 [0.063]
Tail Length (mm [in])	3.69 [0.145]
Length (X-Axis) (mm [in])	27.72 [1.091]
Width (Z-Axis) (mm [in])	9.40 [0.370]
Profile Height (Y-Axis) (mm [in])	8.21 [0.323]

Body Features

Selectively Loaded	No
Header Type	Unshrouded

Contact Features

Contact Type	Pin
Contact Plating, Termination Area, Material	Tin
Contact Plating, Termination Area, Thickness (μm [μin])	0.003 [0.00012]
Contact Plating, Mating Area, Thickness (μm [μin])	0.003 [0.00012]
Contact Plating, Mating Area, Material	Tin
Contact Design	Square Post
Contact Base Material	Brass

Housing Features

Centerline (mm [in]) ❓	3.96 [0.156]
Connector Style	Plug
Housing Color	Natural
Housing Material	Nylon - GF
Mating Alignment	With

Configuration Features

Number of Positions ❓	7
Number of Rows	1
Tail Orientation	In-line

Industry Standards

RoHS/ELV Compliance ❓	RoHS compliant, ELV compliant
Lead Free Solder Processes ❓	Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
RoHS/ELV Compliance History	Always was RoHS compliant
UL Flammability Rating	UL 94V-0

Environmental

Operating Temperature (°C [°F])	-25 – +105 [-13 – +221]

Conditions for Usage

Applies To	Printed Circuit Board
Glow Wire Rating	Glow Wire

Operation/Application

Application Use	Wire-to-Board
Contact Transmits (Typical Application)	Power

Packaging Features

Packaging Method	Bag/Box

Other

Brand	TE Connectivity

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