Have a Question? Chat with a Product Information Specialist

6-1747072-2 Product Details

Share | Print | Email

2, 2.5, 3.3, 3.5, 3.96 & 6.2 Centerline 600 V, 12 A max.

GRACE INERTIA CONN 2.5 ON TAPE HDR 2P RE

6-1747072-2

TE Internal Number: 6-1747072-2

✓ **Active**

📄 **View 3D PDF**

Product Highlights View All

- Grace Inertia Connector Product Line
- Wire-to-Board
- Applies To Printed Circuit Board
- Glow Wire Rating = Standard Part - Not Glow Wire
- Connector

Pricing & Availability ▶
Request Sample ▶
Add to My Part List ＋
Buy Product through Distributor ▶

Feedback

Documents | **Features** | **Compliance**

Please Note:
Use the Product Drawing for all design activity

Product Type Features

Product Line	Grace Inertia Connector
Product Type	Connector
Connector Type	Header
PCB Mounting Orientation	Vertical
PCB Mount Retention	Without
PCB Mount Retention Type	None
PCB Mount Alignment	Without
Sealed	No

Mechanical Attachment

Mating Retention Type	Latch(ing)

Electrical Characteristics

Contact - Rated Current (A)	1.5 – 3
Operating Voltage Reference	AC/DC
Operating Voltage (VAC)	50
Operating Voltage (VDC)	50

Termination Features

Termination Method to Wire/Cable	Solder
Termination Method to PC Board	Through Hole - Solder

Dimensions

Tab Width (mm [in])	0.7 [0.0276]
Tail Length (mm [in])	2.8 [0.11]
PCB Thickness, Recommended (mm [in])	1.60 [0.063]

Body Features

Mating Retention	With

Contact Features

Contact Type	Tab
Contact Layout	In-Line
Contact Base Material	Brass
Contact Plating, Mating Area, Material	Gold
Contact Plating, Mating Area, Thickness (μm [μin])	0.3 [11.81]
Multiple Contact Types	Without
Tail Plating Material	Tin
Tail Plating Thickness (μm [μin])	2 [78.74]
Underplate Material	Nickel
Underplate Material Thickness (μm [μin])	1.27 [50.000]

Housing Features

Connector Style	Plug
Centerline (mm [in])	2.50 [0.098]
Housing Material	Nylon 66 GF
Housing Color	Red
Mating Alignment	With
Mating Alignment Type	Polarization

Configuration Features

Number of Positions	2
Number of Rows	1

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])	-30 – +105 [-22 – +221]

Conditions for Usage

Applies To	Printed Circuit Board
Glow Wire Rating	Standard Part - Not Glow Wire
For Use With	Plug Housing

Operation/Application

Application Use	Wire-to-Board
Contact Transmits (Typical Application)	Signal (Data)

Packaging Features

Packaging Method	Tape
Packaging Quantity	900

Other

Brand	AMP
Comment	Mating with X-1747066-2

Related Products

Not quite the product you're looking for?
Find Similar Products

View Part in Product Feature Selector

View Mating Products (4)

Check for Tooling

Corporate Information
About TE
Investors
News Room
Supplier Portal
Careers
Terms & Conditions
Privacy Policy
Global Accessibility Statement

Quick Links
Distributor Inventory
Product Cross Reference
Documents & Drawings
Product Compliance Support Center
Site Map

Customer Support
Email or Chat With Us
Find a Phone Number
Knowledge Base
Manage Your Account

Keep Me Informed
[social media icons]