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Part Number: 35978-0530

Status: Active
Overview: MV-396™

**Description:** 3.96mm Pitch Wire-to-Board Header, Vertical, Low Profile, 5 Circuits, Natural,

Polyester Alloy

**Documents:** 

3D Model Packaging Specification PK-35978-001 (PDF)

<u>Drawing (PDF)</u> <u>RoHS Certificate of Compliance (PDF)</u>

**Agency Certification** 

CSA LR19980 TUV R72090224 UL E29179

General

Comments

Product Family PCB Headers

Series <u>35978</u>

Application Power, Wire-to-Board

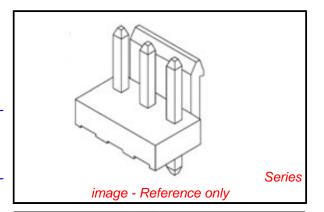
"This Molex product is manufactured from material that has the following ratings, tested by independent agencies:. a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. <P><P> The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). <P> If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for

possible product options."

Overview  $\underline{\text{MV-396}^{\text{TM}}}$  Product Name  $\underline{\text{MV-396}^{\text{TM}}}$ 

**Physical** 

Breakaway No Circuits (Loaded) 4 Circuits (maximum) 10 Color - Resin Natural Durability (mating cycles max) 30 First Mate / Last Break No Flammability 94V-0 **Glow-Wire Compliant** Yes Guide to Mating Part No Keying to Mating Part None Lock to Mating Part Yes Material - Metal **Brass** Material - Plating Mating Tin Material - Plating Termination Tin-Lead Material - Resin Polyester Alloy



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen



Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the <u>Contact Us</u> section for any non-product compliance questions.

Search Parts in this Series 35978Series

**Mates With** 

35977 Wire-to-Board Housing

Number of Rows Orientation Vertical **PCB** Locator No **PCB** Retention None PCB Thickness - Recommended 1.60mm Packaging Type Bag Pitch - Mating Interface 3.96mm Pitch - Termination Interface 3.96mm Polarized to Mating Part No Polarized to PCB No Shrouded No Stackable Yes Surface Mount Compatible (SMC) No

Temperature Range - Operating -25°C to +85°C Termination Interface: Style Through Hole

**Electrical** 

Current - Maximum per Contact 7A Voltage - Maximum 250V

**Material Info** 

**Reference - Drawing Numbers** 

Packaging Specification PK-35978-001
Sales Drawing SD-35978-001

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