



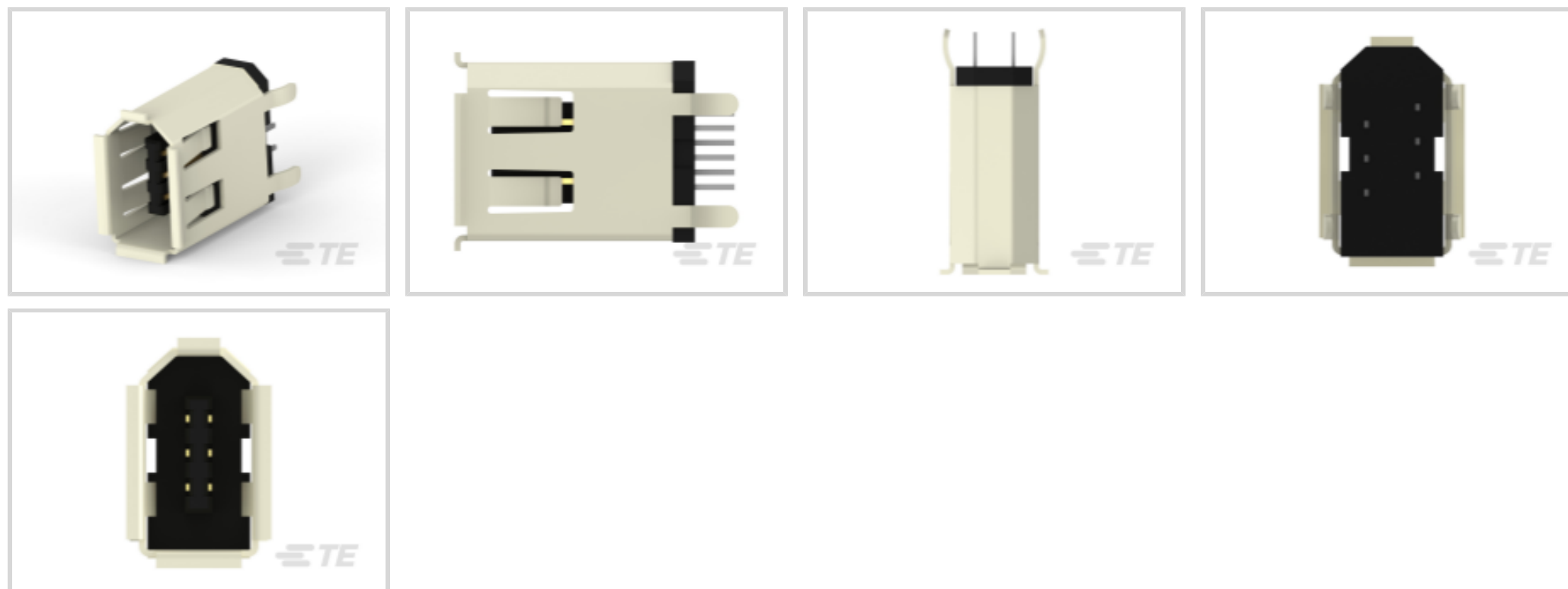
IEEE 1394

TE Internal #: 1734290-1

IEEE 1394, IEEE 1394 Connectors, Receptacle, Standard Profile, Cable-to-Board, 6 Position, 1 Port, Top, Vertical, 2mm [.078in] Centerline

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Connectors > Audio & Video Connectors > IEEE 1394 Connectors



Connector & Housing Type: **Receptacle**

Connector Profile: **Standard**

Connector System: **Cable-to-Board**

Number of Positions: **6**

Number of Ports: **1**

**Features**

**Product Type Features**

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Connector & Housing Type          | Receptacle                          |
| Connector System                  | Cable-to-Board                      |
| Connector & Contact Terminates To | Printed Circuit Board               |
| Product Type                      | Connector                           |
| Product Classification            | Connectors - Consumer Interconnects |
| Product Category                  | Connectors - Input/Output           |

**Configuration Features**

|                       |          |
|-----------------------|----------|
| Number of Positions   | 6        |
| Number of Ports       | 1        |
| PCB Mount Orientation | Vertical |

**Body Features**

|                              |                    |
|------------------------------|--------------------|
| Front Shell Plating Material | Nickel over Copper |
| Backshell Plating Material   | Nickel over Copper |
| Connector Profile            | Standard           |



### Contact Features

|                                       |   |
|---------------------------------------|---|
| Contact Current Rating (Max)          | 1.5 A                                     |
| Contact Mating Area Plating Thickness | .76 $\mu\text{m}$ [29.92 $\mu\text{in}$ ] |
| Contact Mating Area Plating Material  | Gold                                      |

### Termination Features

|                          |              |
|--------------------------|--------------|
| Contact Termination Type | Through Hole |
| Termination Method       | Solder       |

### Mechanical Attachment

|                          |             |
|--------------------------|-------------|
| Locating Posts           | Without     |
| PCB Mount Retention Type | Kinked Legs |
| PCB Mount Location       | Top         |
| Connector Mounting Type  | Board Mount |

### Housing Features

|                    |               |
|--------------------|---------------|
| Centerline (Pitch) | 2 mm[.078 in] |
| Housing Color      | Black         |

### Dimensions

|                     |                  |
|---------------------|------------------|
| PCB Thickness (Min) | 1.6 mm[.063 in]  |
| Tail Length         | 2.69 mm[.106 in] |

### Usage Conditions

|                             |   |
|-----------------------------|---|
| Operating Temperature Range | -55 – 85 $^{\circ}\text{C}$ [-67 – 185 $^{\circ}\text{F}$ ] |
|-----------------------------|---|

### Operation/Application

|                          |        |
|--------------------------|--------|
| Assembly Process Feature | None   |
| Circuit Application      | Signal |

### Packaging Features

|                  |                  |
|------------------|------------------|
| Packaging Method | Box & Tray, Tray |
|------------------|------------------|

### Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Compliant                               |
| EU ELV Directive 2000/53/EC                   | Compliant                               |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2021 (211)

Candidate List Declared Against: JAN 2021 (211)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Reflow solder capable to 260°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

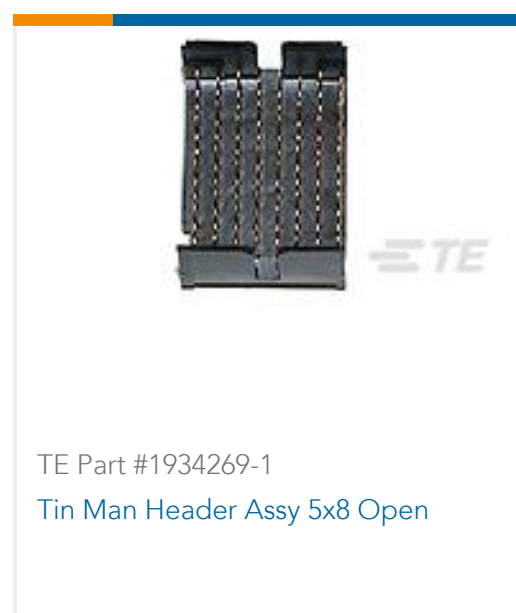
### Compatible Parts



### Also in the Series | IEEE 1394



### Customers Also Bought



## Documents

### Product Drawings

IEEE 1394, RCPT, 6P, V/T, DIP, H 2.69

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1734290-1\\_C\\_c-1734290-1-c.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1734290-1\\_C\\_c-1734290-1-c.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1734290-1\\_C\\_c-1734290-1-c.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages



### Connector System for IEEE 1394 Serial Bus

English

[5-1773453-9\\_Interconnects\\_for\\_the\\_IEEE\\_1394\\_Standard\\_ORG](#)

English

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### Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English

[SMART CARD CONNECTOR, STANDARD.](#)

English

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### Product Environmental Compliance

[MD\\_1734290-1\\_091820141426\\_dmtec](#)

English

[MD\\_1734290-1\\_091820141426\\_dmtec](#)

English