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Part Number:

170340-3520

Status:

Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact™ 85 Ohm Plus 4 Pair, Right Angle Daughtercard, 1.90 by 1.35mm Pitch, Left Guided, 10 Columns, 120 Circuits, Plated Through Hole Dimension 0.39mm, Keying Orientation E, Lead Free

Documents:

Drawing (PDF)

Product Specification PS-170540-999 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Agency Certification           |                                                   |
| UL                             | E29179                                            |
| General                        |                                                   |
| Product Family                 | Backplane Connectors                              |
| Series                         | 170340                                            |
| Application                    | Conventional, Coplanar, Daughtercard              |
| Component Type                 | PCB Receptacle                                    |
| Overview                       | Impact™ Backplane Connectors and Cable Assemblies |
| Product Name                   | Impact™                                           |
| Style                          | N/A                                               |
| UPC                            | 887191148694                                      |
| Physical                       |                                                   |
| Circuits (Loaded)              | 120                                               |
| Circuits (maximum)             | 120                                               |
| Color - Resin                  | Gray                                              |
| Durability (mating cycles max) | 200                                               |
| First Mate / Last Break        | No                                                |
| Flammability                   | 94V-0                                             |
| Guide to Mating Part           | Yes                                               |
| Keying to Mating Part          | Yes                                               |
| Material - Metal               | High Performance Alloy (HPA)                      |
| Material - Plating Mating      | Gold                                              |
| Material - Plating Termination | Tin                                               |
| Material - Resin               | High Temperature Thermoplastic                    |
| Net Weight                     | 17.349/g                                          |
| Number of Columns              | 10                                                |
| Number of Pairs                | 4                                                 |
| Number of Rows                 | 12                                                |
| Orientation                    | Right Angle                                       |
| PC Tail Length                 | 1.20mm                                            |
| PCB Locator                    | No                                                |
| PCB Retention                  | None                                              |
| PCB Thickness - Recommended    | 1.00mm                                            |
| Packaging Type                 | Tray                                              |
| Pitch - Mating Interface       | 1.35mm, 1.90mm                                    |
| Pitch - Termination Interface  | 1.35mm, 1.90mm                                    |
| Plating min - Mating           | 0.762µm                                           |
| Polarized to PCB               | No                                                |
| Stackable                      | No                                                |
| Surface Mount Compatible (SMC) | No                                                |
| Temperature Range - Operating  | -55°C to +85°C                                    |
| Termination Interface: Style   | Through Hole - Compliant Pin                      |

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

170340Series

Mates With

170335 Impact™ 85 Ohm Plus Vertical Header

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

| Description         | Product #  |
|---------------------|------------|
| Daughter Card       | 0622018641 |
| Module Installation |            |
| Press-In Tool       |            |

**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.75A           |
| Data Rate                     | 25.0 Gbps       |
| Impedance                     | 85#             |
| Shield Type                   | N/A             |
| Shielded                      | No              |
| Voltage - Maximum             | 30V AC (RMS)/DC |

**Material Info**

**Reference - Drawing Numbers**

|                       |                |
|-----------------------|----------------|
| Product Specification | PS-170540-999  |
| Sales Drawing         | SD-170340-0002 |

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