

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1703405020

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 85 Ohm Plus 4 Pair, Right Angle Daughtercard, Right Guided, 10 Columns, 120 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free

Documents:

3D Model

Application Specification AS-76060-990 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-170540-999 (PDF)

|                                |                                                       |
|--------------------------------|-------------------------------------------------------|
| Agency Certification           |                                                       |
| UL                             | E29179                                                |
| General                        |                                                       |
| Product Family                 | Backplane Connectors                                  |
| Series                         | 170340                                                |
| Application                    | Conventional, Coplanar, Daughtercard                  |
| Application Tooling Documents  | TM-622018799                                          |
| Component Type                 | PCB Receptacle                                        |
| Overview                       | Impact™ Backplane Connector and Cable Assembly System |
| Product Name                   | Impact™                                               |
| UPC                            | 887191130712                                          |
| 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          | None                                                  |
| Material - Metal               | High Performance Alloy (HPA)                          |
| Material - Plating Mating      | Gold                                                  |
| Material - Plating Termination | Tin                                                   |
| Material - Resin               | High Temperature Thermoplastic                        |
| Net Weight                     | 16.959/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                          |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per

-ED/79/2015 (17

December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product

environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

Please visit the [Contact Us](#) section for any

non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

170340 Series

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 #  |
|-------------------------------------------------|------------|
| Impact Daughter Card Extraction Tool            | 0622024300 |
| Daughter Card Module Installation Press-In Tool | 0622018641 |

**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 |

**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                           |                 |
|---------------------------|-----------------|
| Application Specification | AS-76060-990    |
| Electrical Model Document | EE-170340-001   |
| Product Specification     | PS-170540-999   |
| S-Parameter Model         | SP-170340-001   |
| Sales Drawing             | SD-170340-0004  |
| Symbol/Footprint Data     | SYM-170340-5020 |

This document was generated on 03/30/2016

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**