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**Part Number:** [0743003153](#)  
**Status:** **Active**  
**Overview:** [HDM Backplane Connector System](#)  
**Description:** HDM Board-to-Board Daughtercard Receptacle, Vertical, Signal Module, with Guide, 144 Circuits, Mounted Height 13.00mm, Press-Fit Pin Length 3.50mm

**Documents:**

|                                |                                                              |
|--------------------------------|--------------------------------------------------------------|
| <a href="#">3D Model</a>       | <a href="#">Product Specification PS-73780-999-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>  | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |
| <a href="#">3D Model (PDF)</a> |                                                              |

**Agency Certification**

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

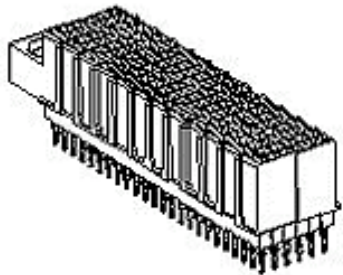
**General**

|                |                                                |
|----------------|------------------------------------------------|
| Product Family | Backplane Connectors                           |
| Series         | <a href="#">74300</a>                          |
| Application    | Daughtercard, Mezzanine                        |
| Component Type | PCB Receptacle                                 |
| Overview       | <a href="#">HDM Backplane Connector System</a> |
| Product Name   | HDM                                            |
| UPC            | 756054320990                                   |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 144                            |
| Circuits (maximum)             | 144                            |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 250                            |
| First Mate / Last Break        | No                             |
| Flammability                   | 94V-0                          |
| Guide to Mating Part           | Yes                            |
| Keying to Mating Part          | None                           |
| Material - Metal               | Copper-Nickel-Tin              |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin-Lead                       |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 21.384/g                       |
| Number of Columns              | 24                             |
| Number of Pairs                | Open Pin Field                 |
| Number of Rows                 | 6                              |
| Orientation                    | Vertical                       |
| PC Tail Length                 | 3.50mm                         |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| PCB Thickness - Recommended    | 1.60mm                         |
| Packaging Type                 | Tube                           |
| Pitch - Mating Interface       | 2.00mm                         |
| Pitch - Termination Interface  | 2.00mm                         |
| Plating min - Mating           | 0.762µm                        |
| Plating min - Termination      | 0.889µm                        |
| Polarized to PCB               | No                             |
| Stackable                      | Yes                            |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -55° to +105°C                 |
| Termination Interface: Style   | Through Hole - Compliant Pin   |

**Electrical**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[74300](#) Series

**Mates With**

HDM Board-to-Board Backplane Header  
[73642](#) , [73643](#) , [73644](#) , [74349](#) , [74428](#) ,  
[73769](#) , [73781](#) , [73770](#) , [73782](#) , [73783](#) ,  
[73771](#)

|                                    |                  |
|------------------------------------|------------------|
| Current - Maximum per Contact      | 1.0A             |
| Data Rate                          | 1.0 Gbps         |
| Real Signals (per 25mm)            | 76               |
| Shielded                           | Yes              |
| Voltage - Maximum                  | 250V AC          |
| <b>Solder Process Data</b>         |                  |
| Lead-freeProcess Capability        | N/A              |
| <b>Material Info</b>               |                  |
| <b>Reference - Drawing Numbers</b> |                  |
| Product Specification              | PS-73780-999-001 |
| Sales Drawing                      | SD-74300-002     |

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