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**Part Number:** **0737803153**  
**Status:** **Active**  
**Overview:** HDM Backplane Connector System  
**Description:** HDM Board-to-Board Daughtercard Receptacle, Vertical, Signal Module, 144 Circuits, Mounted Height 13.00mm, Pin Length 3.50mm, Press-Fit

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-73780-999-001 \(PDF\)](#)

**Agency Certification**

UL E29179

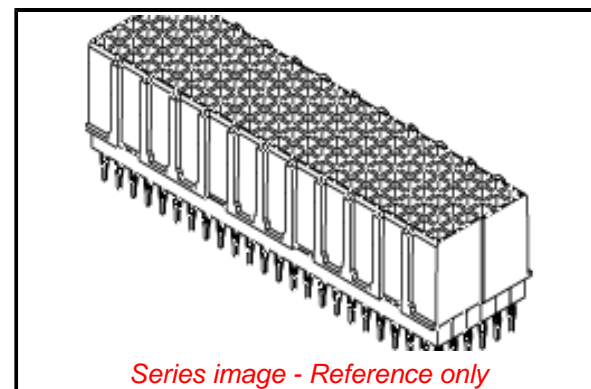
**General**

Product Family Backplane Connectors  
 Series 73780  
 Application Daughtercard, Mezzanine  
 Comments Press-Fit Tail  
 Component Type PCB Receptacle  
 Overview HDM Backplane Connector System  
 Product Name HDM  
 UPC 800753918283

**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 No  
 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 19.022/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**

**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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

73780 Series

**Mates With**

HDM Board-to-Board Backplane Header  
73642 , 73643 , 73644 , 73942 , 73943 ,  
73944 , 74349 , 74428. HDM Board-to-  
 Board Stacking Header 73769 , 73770 ,  
73782 , 73783 , 73771

|                               |             |
|-------------------------------|-------------|
| Current - Maximum per Contact | 15.0A, 1.0A |
| Data Rate                     | 1.0 Gbps    |
| Real Signals (per 25mm)       | 75          |
| Shielded                      | No          |
| Voltage - Maximum             | 250V AC     |

**Solder Process Data**

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

**Material Info****Reference - Drawing Numbers**

|                       |                  |
|-----------------------|------------------|
| Product Specification | PS-73780-999-001 |
| Sales Drawing         | SD-73780-001-001 |

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