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**Part Number:** [0737802166](#)  
**Status:** **Active**  
**Overview:** [HDM Backplane Connector System](#)  
**Description:** HDM Board-to-Board Daughtercard Receptacle, Vertical, Signal Module, 72 Circuits, Mounted Height 16.00mm, Pin Length 4.00mm, Press-Fit

**Documents:**  
[3D Model](#) [Product Specification PS-73780-999-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**  
UL

E29179

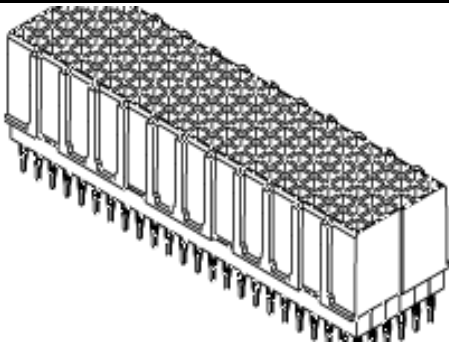
**General**

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 800753133556

**Physical**

Circuits (Loaded) 72  
Circuits (maximum) 72  
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 9.498/g  
Number of Columns 12  
Number of Pairs Open Pin Field  
Number of Rows 6  
Orientation Vertical  
PC Tail Length 4.00mm  
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°C to +105°C  
Termination Interface: Style Through Hole - Compliant Pin

**Electrical**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**China RoHS**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

**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      | Not Reviewed |
| ELV             | Not Relevant |
| RoHS Phthalates | Not Reviewed |

**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          |
| <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-73780-001-001 |

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