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Part Number: [73780-3255](#)
Status: **Active**
Overview: [HDM®](#)
Description: 2.00mm Pitch HDM® Board-to-Board Daughtercard Receptacle, Vertical, Signal Module, 144 Circuits, Mounted Height 15.00mm, Pin Length 3.50mm, Press-Fit

Documents:

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

General

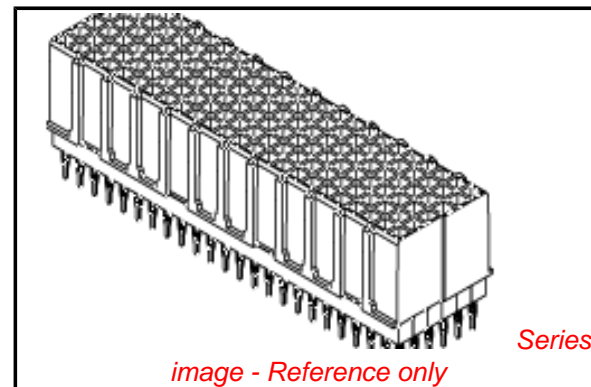
| | |
|----------------|-------------------------|
| Product Family | Backplane Connectors |
| Series | 73780 |
| Application | Daughtercard, Mezzanine |
| Comments | Press-Fit Tail |
| Component Type | PCB Receptacle |
| Overview | HDM® |
| Product Name | HDM® |
| Style | N/A |
| UPC | 756054464892 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 144 |
| Circuits (maximum) | 144 |
| Color - Resin | Black |
| Durability (mating cycles max) | 250 |
| First Mate / Last Break | No |
| 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°C to +105°C |
| Termination Interface: Style | Through Hole - Compliant Pin |

Electrical

| | |
|-------------------------------|----------|
| Current - Maximum per Contact | 15A, 1A |
| Data Rate | 1.0 Gbps |



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
 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

[73780Series](#)

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](#)

| | |
|-------------------------|---------|
| Real Signals (per 25mm) | 75 |
| Shielded | No |
| Voltage - Maximum | 250V AC |

Material Info

Reference - Drawing Numbers

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

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