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Part Number: [73780-2244](#)
Status: **Active**
Overview: [HDM®](#)
Description: HDM® Board-to-Board Daughtercard Receptacle, Vertical, Signal Module, 72 Circuits, Mounted Height 14.00mm, Pin Length 3.00mm, Press-Fit

Documents:

- [3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-73780-999 \(PDF\)](#)
- [Test Summary TS-73670-990 \(PDF\)](#)
[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®
Product Name	HDM®
Style	N/A
UPC	756054465929

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	3.00mm
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

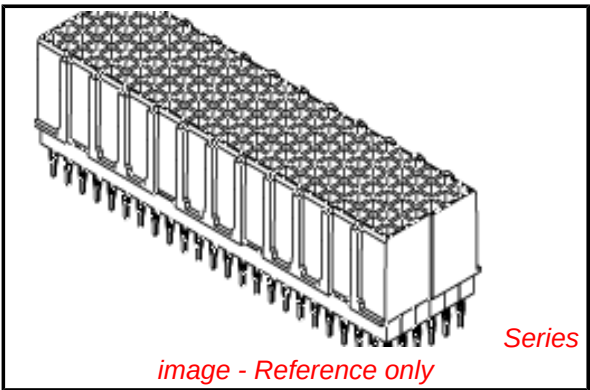


image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



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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](#)

Termination Interface: Style	Through Hole - Compliant Pin
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Electrical

Current - Maximum per Contact	15A, 1A
Data Rate	1.0 Gbps
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
Test Summary	TS-73670-990

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