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Part Number: **0737803155**
Status: **Active**
Overview: HDM Backplane Connector System
Description: 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-73780-999-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[3D Model \(PDF\)](#)

Agency Certification

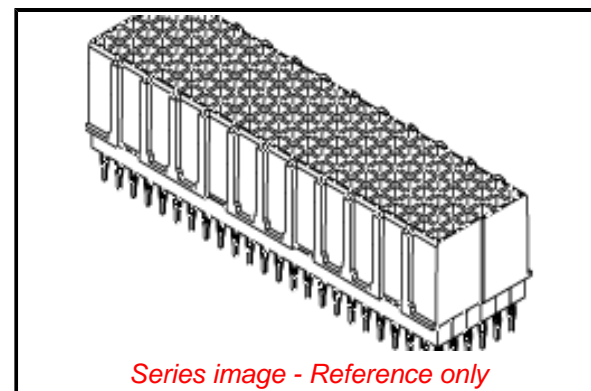
UL E29179

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 800753948099

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

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

Electrical

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-free Process Capability	N/A
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Material Info**Reference - Drawing Numbers**

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

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