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Part Number: **0743002143**
Status: **Active**
Overview: HDM Backplane Connector System
Description: HDM Board-to-Board Daughtercard Receptacle, Vertical, Signal Module, with Guide, 72 Circuits, Mounted Height 13.00mm, Press-Fit Pin Length 3.00mm

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	<u>74300</u>
Application	Daughtercard, Mezzanine
Component Type	PCB Receptacle
Overview	<u>HDM Backplane Connector System</u>
Product Name	HDM
UPC	756054415047

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	Yes
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	9.968/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° 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

74300 Series

Mates With

HDM Board-to-Board Backplane Header
73642 , 73643 , 73644 , 74349 , 74428 ,
73769 , 73781 , 73770 , 73782 , 73783 ,
73771

Current - Maximum per Contact	1.0A
Data Rate	1.0 Gbps
Real Signals (per 25mm)	76
Shielded	Yes
Voltage - Maximum	250V AC

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info**Reference - Drawing Numbers**

Product Specification	PS-73780-999-001
Sales Drawing	SD-74300-002

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