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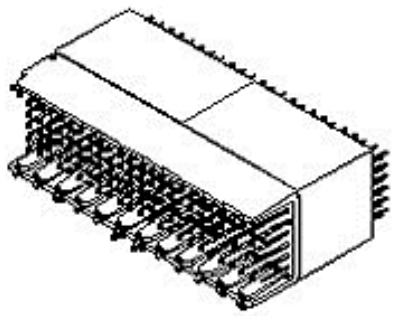
Part Number: 0737691100
Status: Active
Overview: HDM Backplane Connector System
Description: HDM Board-to-Board Stacking Header, High Rise Vertical, Press-Fit, Open End Option, 144 Circuits, Stack Height 15.05mm



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- 3D Model (PDF)
- Product Specification PS-73780-999-001 (PDF)
- Packaging Specification PK-70873-0870-001 (PDF)
- RoHS Certificate of Compliance (PDF)

General	
Product Family	Backplane Connectors
Series	73769
Application	Backplane, Mezzanine
Component Type	PCB Header
Overview	HDM Backplane Connector System
Product Name	HDM
UPC	800753948013
Physical	
Circuits (Loaded)	144
Circuits (maximum)	144
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Net Weight	25.523/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	1.40mm
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.381µm
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	
Current - Maximum per Contact	1.0A
Data Rate	1.0 Gbps
Real Signals (per 25mm)	72
Voltage - Maximum	100V AC

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant

REACH SVHC
Not Contained Per - D(2021)4569-DC (8 July 2021)

Halogen-Free Status
Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
73769 Series

Mates With
73632 HDM+ Board-to-Board Daughtercard Receptacle. 73780 HDM Board-to-Board Daughtercard Receptacle

Solder Process Data

Lead-freeProcess Capability	N/A

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-0870-001
Product Specification	PS-73780-999-001
Sales Drawing	SD-73769-001-001

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73769-1100