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Part Number:

0739441016

Status:

Active

Overview:

HDM Backplane Connector System

Description:

HDM Board-to-Board Backplane Header, Vertical, SMC, Solder Tail, Guide Pin Option, Guide Post Location B, Polarizing Key Position N/A, 144 Circuits

Documents:

3D Model

Product Specification PS-73670-9999 (PDF)

3D Model (PDF)

Packaging Specification PK-70873-0818-001 (PDF)

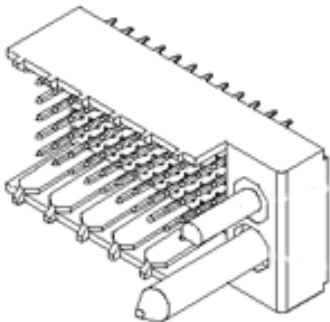
Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		Backplane Connectors
Series		73944
Application		Backplane
Component Type		PCB Header
Overview		HDM Backplane Connector System
Product Name		HDM
UPC		800754015936

Physical		
Circuits (Loaded)		144
Circuits (maximum)		144
Color - Resin		Black, Natural
Durability (mating cycles max)		250
First Mate / Last Break		No
Flammability		94V-0
Guide to Mating Part		Yes
Keying to Mating Part		Yes
Material - Metal		Phosphor Bronze, Stainless Steel
Material - Plating Mating		Gold
Material - Plating Termination		Tin
Material - Resin		High Temperature Thermoplastic
Number of Columns		24
Number of Pairs		Open Pin Field
Number of Rows		6
Orientation		Vertical
PC Tail Length		2.00mm
PCB Locator		Yes
PCB Retention		None
PCB Thickness - Recommended		2.50mm
Packaging Type		Tube
Pitch - Mating Interface		2.00mm
Pitch - Termination Interface		2.00mm
Plating min - Mating		0.762µm
Plating min - Termination		2.540µm
Polarized to PCB		No
Stackable		No
Surface Mount Compatible (SMC)		No
Temperature Range - Operating		-55° to +105°C
Termination Interface: Style		Through Hole

Electrical



Series image - Reference only

EU ELV	
Not Reviewed	
EU RoHS	China 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 Reviewed
RoHS Phthalates	Not Reviewed

Search Parts in this Series

73944 Series

Mates With

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

Application Tooling FAQ	
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.	
Global	
Description	Product #
Extraction Tool	621001000
Backplane Insertion	621001400
Signal Contact Tool	
Backplane Insertion	622005703
Head for 144 Circuits	

Current - Maximum per Contact	1.0A
Data Rate	1.0 Gbps
Shielded	No
Voltage - Maximum	250V AC

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-0818-001
Product Specification	PS-73670-9999
Sales Drawing	SD-73944-001

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