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Part Number: **0736420000**
Status: **Active**
Overview: HDM Backplane Connector System
Description: HDM Board-to-Board Backplane Header, Vertical, Press-Fit, Open End, 72 Circuits

Documents:

3D Model	Application Specification AS-73642-9998-001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-0818-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-73670-9999-001 (PDF)	

Agency Certification

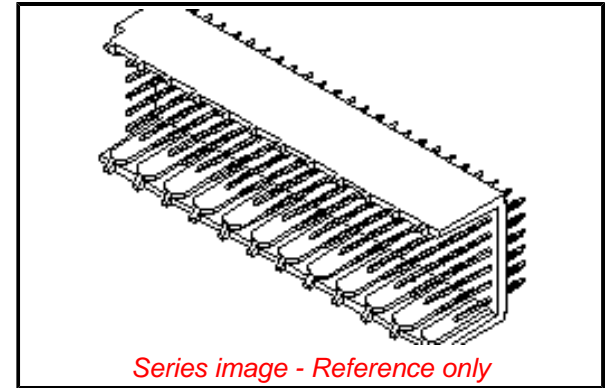
CSA	LR19980
UL	E29179

General

Product Family	Backplane Connectors
Series	<u>73642</u>
Application	Backplane
Comments	Standard Press-Fit
Component Type	PCB Header
Data Rate	1.0 Gbps
Overview	<u>HDM Backplane Connector System</u>
Product Name	HDM
Taxonomy	Backplane Connectors
UPC	800754345057

Physical

Circuits (Loaded)	72
Circuits (maximum)	72
Color - Resin	Black, Natural
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	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	3.371/g
Number of Columns	12
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Vertical
PC Tail Length	3.50mm
PCB Locator	No
PCB Retention	Yes
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	0.051µm
Polarized to PCB	No
Stackable	Yes
Surface Mount Compatible (SMC)	Yes



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
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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

73642 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

Temperature Range - Operating -55° to +105°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 1.0A
Real Signals (per 25mm) 75
Shielded No
Voltage - Maximum 250V AC

Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Application Specification AS-73642-9998-001
Packaging Specification PK-70873-0818-001
Product Specification PS-73670-9999-001
Sales Drawing SDA-73642-XXXX-001, SDA-73642-XXXX-002

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