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Part Number: **0736440205**

Status: **Active**

Overview: HDM Backplane Connector System

Description: HDM Board-to-Board Backplane Header, Vertical, SMC, Press-Fit, Guide Post Location A, Polarizing Key Position C, 72 Circuits, Mating Length 6.00mm

Series image - Reference only

Documents:
- 3D Model
- 3D Model (PDF)
- Drawing (PDF)
- Product Specification PS-73670-9999-001 (PDF)
- Application Specification AS-73642-9998-001 (PDF)
- Packaging Specification PK-70873-0818-001 (PDF)
- RoHS Certificate of Compliance (PDF)
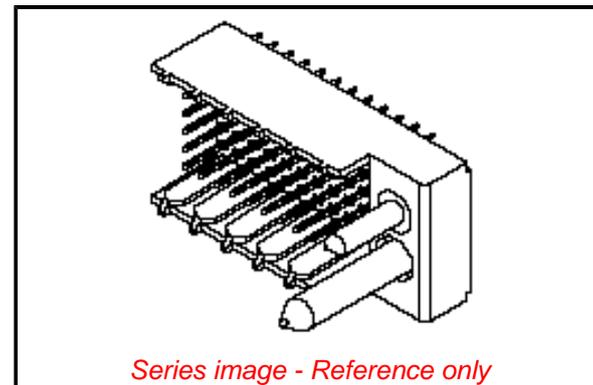
Agency Certification
CSA	LR19980
UL	E29179

General
Product Family	Backplane Connectors
Series	73644
Application	Backplane
Comments	Standard Press-Fit
Component Type	PCB Header
Data Rate	1.0 Gbps
Overview	HDM Backplane Connector System
Product Name	HDM
Taxonomy	Backplane Connectors
UPC	800754813556

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	Yes
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze, Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	6.313/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	2.50mm
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

EU ELV
Not Relevant

EU RoHS   **China RoHS**
Compliant
REACH SVHC
Not Contained Per - D(2022)4187-DC (10 June 2022)
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
73644 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

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

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-73644-XXXX-001, SDA-73644-XXXX-002

This document was generated on 08/29/2022
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