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Part Number: 0736440017

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 N/A, 72 Circuits, Mating Length 5.00mm

Documents:

<u>Drawing (PDF)</u> <u>Packaging Specification PK-70873-0818-001 (PDF)</u>

3D Model RoHS Certificate of Compliance (PDF)

3D Model (PDF)

Agency Certification

CSA LR19980 UL E29179

General

Product Family Backplane Connectors

Series 73644
Application Backplane

Comments Standard Press-Fit Component Type PCB Header

Overview HDM Backplane Connector System

Product Name HDM

UPC 800754256063

Physical

Circuits (Loaded) 72
Circuits (maximum) 72

Color - Resin Black, Natural

Durability (mating cycles max)

First Mate / Last Break

Flammability

Guide to Mating Part

Keying to Mating Part

None

Material - Metal Phosphor Bronze, Stainless Steel

Material - Plating Mating Gold Material - Plating Termination Gold

Material - Resin High Temperature Thermoplastic

Net Weight 5.610/g Number of Columns 12

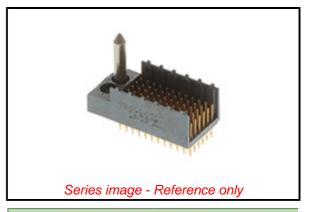
Number of Pairs Open Pin Field

Number of Rows 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 0.762um

Plating min - Termination 0.051 µm
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



EU ELV

Not Relevant

EU RoHS China RoHS

Compliant REACH SVHC Not Contained Per -D(2020)9139-DC (19

Jan 2021)

<u>Halogen-Free</u>

<u>Status</u>

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

Electrical

Current - Maximum per Contact 1.0A
Data Rate 1.0 Gbps
Real Signals (per 25mm) 75

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

Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Packaging Specification PK-70873-0818-001

Sales Drawing SDA-73644-XXXX-001, SDA-73644-XXXX-002

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