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Part Number: [0739421000](#)
Status: **Active**
Overview: [HDM Backplane Connector System](#)
Description: HDM Board-to-Board Backplane Header, Vertical, Solder Tail, Open End, 144 Circuits

Documents:
[3D Model](#) [Packaging Specification PK-70873-0818 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

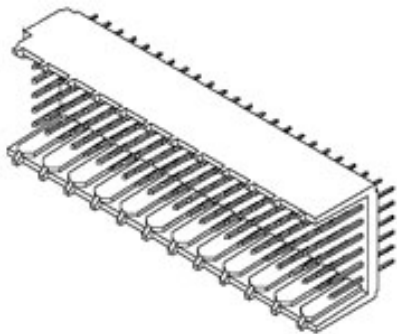
Product Family Backplane Connectors
Series [73942](#)
Application Backplane
Comments Solder Tail, Solder Tail
Component Type PCB Header
Overview [HDM Backplane Connector System](#)
Product Name HDM
UPC 800753944305

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 No
Keying to Mating Part None
Material - Metal Phosphor Bronze
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 No
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
Stackable Yes
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -55° to +105°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 1.0A
Data Rate 1.0 Gbps



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

China RoHS

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

[73942](#) 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	

Voltage - Maximum

250V AC

Material Info

Reference - Drawing Numbers

Packaging Specification

SD-73942-001

PK-70873-0818

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