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Part Number: [0739427200](#)
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

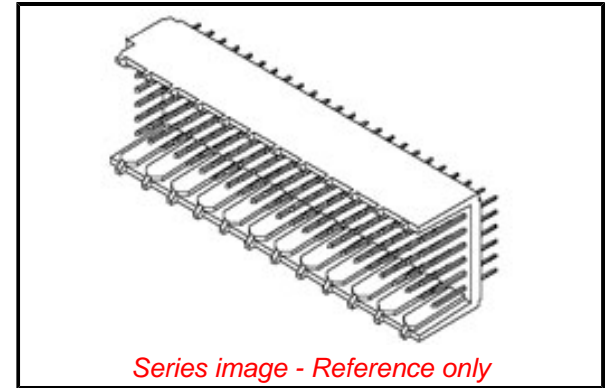
Product Family Backplane Connectors
 Series [73942](#)
 Application Backplane
 Comments Solder Tail, Solder Tail
 Component Type PCB Header
 Overview [HDM Backplane Connector System](#)
 Product Name HDM
 UPC 800754802901

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
 Net Weight 6.273/g
 Number of Columns 24
 Number of Pairs Open Pin Field
 Number of Rows 6
 Orientation Vertical
 PC Tail Length 3.50mm
 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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/71/2019 (16 July
 2019)

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

[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

Data Rate 1.0 Gbps
Voltage - Maximum 250V AC

Material Info

Reference - Drawing Numbers

Packaging Specification PK-70873-0818
Sales Drawing SD-73942-001

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[1393557-4](#) [2-1437084-2](#)