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Part Number: [0736420200](#)
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

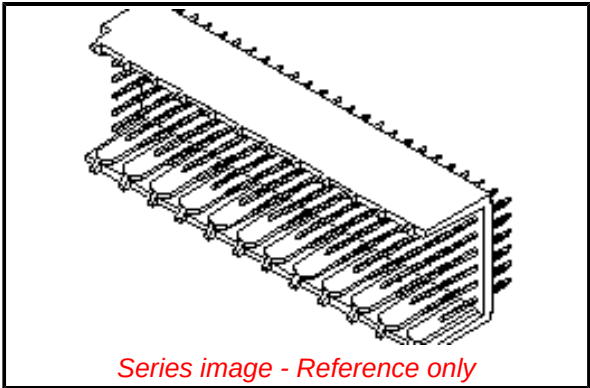
CSA LR19980
UL E29179

General

Product Family Backplane Connectors
Series [73642](#)
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 800754345071

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 None
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

[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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