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Part Number: [0736441217](#)
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, 144 Circuits, Mating Length 6.00mm

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Packaging Specification PK-70873-0818 \(PDF\)](#)
[Test Summary TS-73670-990-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

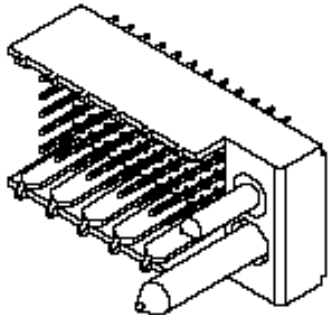
CSA LR19980
UL E29179

General

Product Family Backplane Connectors
Series [73644](#)
Application Backplane
Comments Standard Press-Fit, Standard Press-Fit
Component Type PCB Header
Overview [HDM Backplane Connector System](#)
Product Name HDM
UPC 800754345347

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 Yes
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 9.026/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 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
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -55° to +105°C
Termination Interface: Style Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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 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
Backplane Insertion	621001400
Signal Contact Tool	
Backplane Insertion	622005703
Head for 144 Circuits	

Electrical

Current - Maximum per Contact	1.0A
Data Rate	1.0 Gbps
Real Signals (per 25mm)	75
Shielded	No
Voltage - Maximum	250V AC

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-0818
Sales Drawing	SDA-73644-XXXX
Test Summary	TS-73670-990-001

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