

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0736430000**  
**Status:** **Active**  
**Overview:** HDM Backplane Connector System  
**Description:** HDM Board-to-Board Backplane Header, Vertical, Press-Fit, Closed End, 72 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-70873-0818 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-73670-990-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-73670-9999 (PDF)</a>	

**Agency Certification**

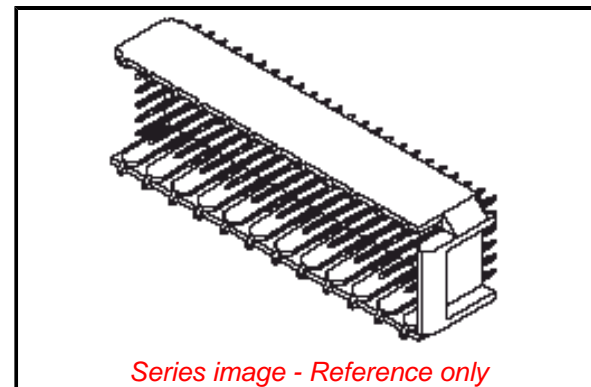
CSA	LR19980
UL	E29179

**General**

Product Family	Backplane Connectors
Series	<u>73643</u>
Application	Backplane
Comments	Standard Press-Fit
Component Type	PCB Header
Overview	<u>HDM Backplane Connector System</u>
Product Name	HDM
UPC	800754256544

**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	3.770/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
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**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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**

73643 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	<u>621001000</u>
Backplane Insertion	<u>621001400</u>
Signal Contact Tool	
Backplane Signal	<u>622008502</u>
Insertion Module	
Press-In Tool for 2.00mm Pitch HDM* Board-to-Board Backplane Header	

**Electrical**

Current - Maximum per Contact	1.0A
Data Rate	1.0 Gbps
Real Signals (per 25mm)	75
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
Product Specification	PS-73670-9999
Sales Drawing	SDA-73643-XXXX
Test Summary	TS-73670-990-001

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