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**Part Number:** **0739441007**  
**Status:** **Active**  
**Overview:** HDM Backplane Connector System  
**Description:** HDM Board-to-Board Backplane Header, Vertical, SMC, Solder Tail, Guide Pin Option, Guide Post Location A, Polarizing Key Position D, 144 Circuits

**Documents:**

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

**Agency Certification**

CSA	LR19980
UL	E29179

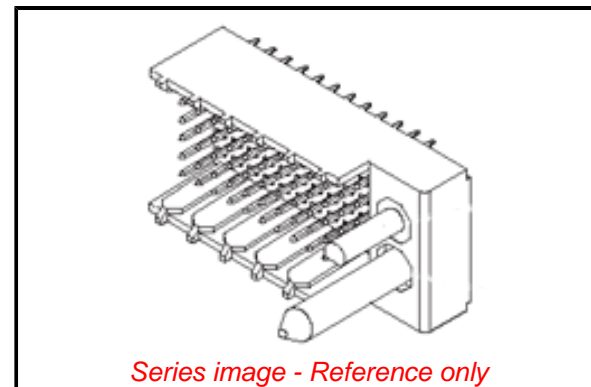
**General**

Product Family	Backplane Connectors
Series	73944
Application	Backplane
Component Type	PCB Header
Overview	<u>HDM Backplane Connector System</u>
Product Name	HDM
UPC	800754884877

**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	Yes
Material - Metal	Phosphor Bronze, Stainless Steel
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
Polarized to PCB	No
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole

**Electrical**



Series image - Reference only

**EU ELV**

**Not Reviewed**

**EU RoHS**

**Not Reviewed**

**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

**China RoHS**

**Search Parts in this Series**

[73944 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	<a href="#">621001000</a>

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-70873-0818-001
Product Specification	PS-73670-9999-001
Sales Drawing	SD-73944-001

This document was generated on 07/30/2021

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