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**Part Number:** [0738090217](#)

**Status:** **Active**

**Overview:** [HDM Backplane Connector System](#)

**Description:** HDM Board-to-Board Midplane Header, Vertical, Press-Fit, Closed End Option, Guide Post Location B, No Polarization Key, 72 Circuits

**Documents:**

[3D Model](#)

[3D Model \(PDF\)](#)

[Drawing \(PDF\)](#)

[Packaging Specification PK-70873-0818 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Backplane Connectors
Series	<a href="#">73809</a>
Application	Midplane
Component Type	Shroud Housing
Overview	<a href="#">HDM Backplane Connector System</a>
Product Name	HDM
UPC	800755030518

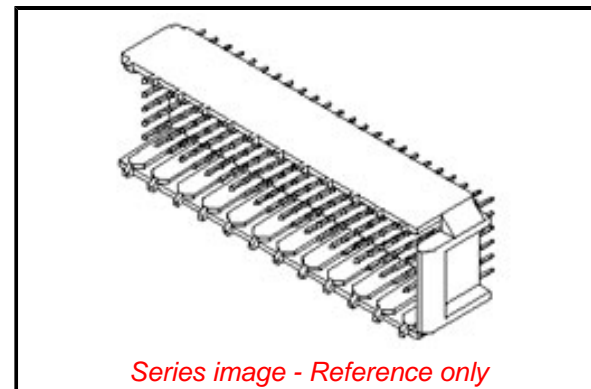
**Physical**

Circuits (Loaded)	72
Circuits (maximum)	72
Color - Resin	Black
Durability (mating cycles max)	250
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	Yes
Material - Metal	Stainless Steel
Material - Plating Mating	N/A
Material - Resin	High Temperature Thermoplastic
Net Weight	3.954/g
Number of Columns	12
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Vertical
PC Tail Length	5.55mm
PCB Locator	No
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C

**Electrical**

Current - Maximum per Contact	1.0A
Data Rate	1.0 Gbps
Real Signals (per 25mm)	72
Voltage - Maximum	250V AC

**Solder Process Data**



*Series image - Reference only*

**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**

[73809 Series](#)

**Mates With**

[73632](#) HDM+ Board-to-Board Daughtercard Receptacle. [73780](#) HDM Board-to-Board Daughtercard Receptacle

Lead-free Process Capability  
Process Temperature max. C

REFLOW  
260

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification  
Sales Drawing

PK-70873-0818  
SD-73809-001

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