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Part Number: **0738001000**
Status: **Active**
Overview: HDM® Backplane Connector System
Description: HDM® Board-to-Board Midplane Header, Vertical, SMC, Press-Fit, Long Pin, Open End Option, 144 Circuits

Documents:

3D Model	Product Specification TS-73670-990-001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-0868 (PDF)
Product Specification PS-73780-999-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

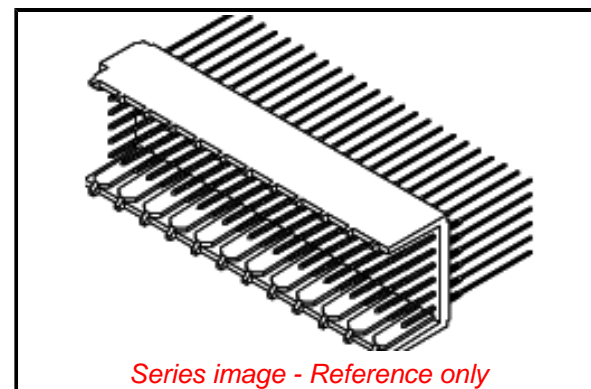
Product Family	Backplane Connectors
Series	<u>73800</u>
Application	Midplane
Component Type	PCB Header
Overview	<u>HDM® Backplane Connector System</u>
Product Name	HDM®
UPC	800755946376

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	No
Keying to Mating Part	None
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	8.289/g
Number of Columns	24
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Vertical
PC Tail Length	11.50mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	4.00mm
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°C to +105°C

Electrical

Current - Maximum per Contact	1.0A
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

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environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

73800 Series

Mates With

73632 HDM+® Board-to-Board
Daughtercard Receptacle. 73780 HDM®
Board-to-Board Daughtercard Receptacle

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-70873-0868
Product Specification	PS-73780-999-001, TS-73670-990-001
Sales Drawing	SD-73800-001

Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.

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