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Part Number: [0737710100](#)
Status: **Active**
Overview: [HDM® Backplane Connector System](#)
Description: HDM® Board-to-Board Stacking Header, High Rise Vertical, SMC, Press-Fit, Guide Pin Option, Keying Option A, 72 Circuits

Documents:

3D Model	Packaging Specification PK-70873-0870 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-73780-999 (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

General

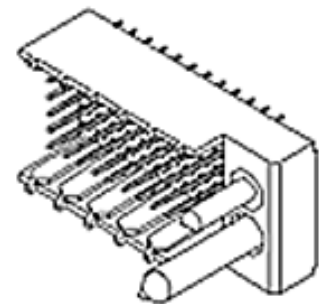
Product Family	Backplane Connectors
Series	73771
Application	Midplane
Component Type	PCB Header
Overview	HDM® Backplane Connector System
Product Name	HDM®
UPC	800754007559

Physical

Circuits (Loaded)	72
Circuits (maximum)	72
Color - Resin	Black
Durability (mating cycles max)	250
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-Lead
Material - Resin	High Temperature Thermoplastic
Net Weight	15.470/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	Yes
PCB Thickness - Recommended	2.50mm
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.381µm
Polarized to PCB	No
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

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/79/2015 (17
December 2015)

Halogen-Free

Status

Low-Halogen

**Need more information on product
environmental compliance?**

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

China ROHS	Green Image
ELV	Not Relevant

Search Parts in this Series

[73771](#) Series

Mates With

[73632](#) HDM+® Board-to-Board
Daughterboard 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	0621001000
Backplane Insertion	0621001400
Signal Contact Tool	

Data Rate	1.0 Gbps
Voltage - Maximum	250V AC

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-0870
Product Specification	PS-73780-999
Sales Drawing	SD-73771-001

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

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