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Part Number: [0738101218](#)
Status: **Active**
Overview: [HDM Backplane Connector System](#)
Description: HDM Board-to-Board Midplane Header, Vertical SMC, Press-Fit, Slide On Housing, Polar/Guide Version, Guide Post Location A, Polarizing Key Position N/A, 144 Circuits

Documents:

3D Model	Drawing (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

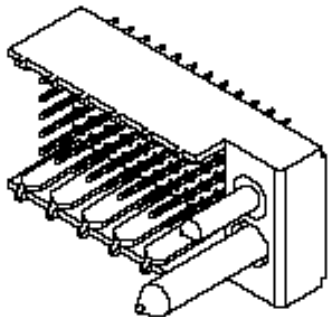
Product Family	Backplane Connectors
Series	73810
Application	Midplane
Comments	Polar/Guide Version, Polar/Guide Version
Component Type	PCB Header
Overview	HDM Backplane Connector System
Product Name	HDM
UPC	800755030587

Physical

Circuits (Loaded)	N/A
Circuits (maximum)	144
Color - Resin	Black
Durability (mating cycles max)	250
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	Yes
Keying to Mating Part	None
Material - Metal	Stainless Steel
Material - Plating Mating	N/A
Material - Resin	High Temperature Thermoplastic
Net Weight	5.714/g
Number of Columns	24
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
Polarized to PCB	N/A
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)	0
Voltage - Maximum	250V AC



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

[73810](#) Series

Mates With

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

Solder Process Data

Lead-free	Process Capability	REFLOW
Process Temperature max.	C	260

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-73810-001
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