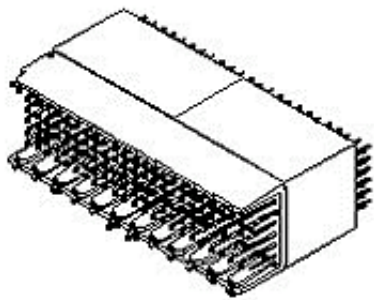




Part Number : [737690109](#)
Product Description : HDM Board-to-Board
Stacking Header, High Rise Vertical, Press-Fit,
Open End Option, 72 Circuits, Stack Height
15.05mm
Series Number : 73769
Status : Active
Product Category : Backplane Connectors



Documents & Resources

Drawings


[Drawing 737690109_sd.pdf](#)
[Packaging Design Drawing PK-70873-0870-001.pdf](#)

Specifications

[Application Specification AS-73642-9998-001.pdf](#)
[Product Specification PS-73780-999-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per per D(2022)9120-DC (17 Jan 2023)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Backplane Connectors
Series	73769
Description	HDM Board-to-Board Stacking Header, High Rise Vertical, Press-Fit, Open End Option, 72 Circuits, Stack Height 15.05mm
Application	Backplane, Mezzanine
Component Type	PCB Header
Product Family	HDM Backplane Connector System
Product Name	HDM
UPC	884982748965

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	1.0A
Data Rate	1.0 Gbps
Real Signals (per 25mm)	72
Voltage - Maximum	100V AC

Physical

Circuits (Loaded)	72
Circuits (maximum)	72
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0

Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	12.780/g
Number of Columns	12
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Vertical
Packaging Type	Tube
PC Tail Length	3.50mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	2.50mm
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.381µm
Polarized to PCB	No
Stackable	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Through Hole - Compliant Pin

Solder Process Data

Lead-Free Process Capability	N/A
------------------------------	-----

Mates With / Use With

Mates with Part(s)

Description	Part Number
HDM Daughtercard Receptacles	<u>73632</u>
HDM Vertical Daughtercard Receptacles	<u>73780</u>

This document was generated on Sep 19, 2024