

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0736561001](#)
Status: **Active**
Overview: [HDM Backplane Connector System](#)
Description: HDM Board-to-Board Backplane Power Module, Vertical, SMC, Power Receptacle, 3 Circuits, Gold (Au) 0.76µm

Documents:

3D Model	Application Specification AS-73656-1998-001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-0819 (PDF)
Product Specification PS-73670-9999 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

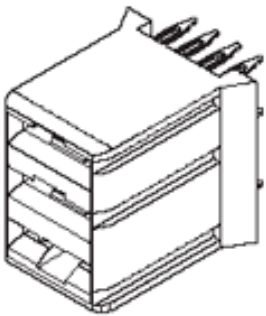
CSA	LR19980
UL	E29179

General

Product Family	Backplane Connectors
Series	73656
Application	Backplane
Comments	Backplane Power Module, Backplane Power Module
Component Type	Power Header
Overview	HDM Backplane Connector System
Product Name	HDM
UPC	800755024807

Physical

Circuits (Loaded)	3
Circuits (maximum)	3
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	None
Material - Metal	Beryllium Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Net Weight	1.576/g
Number of Columns	1
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Vertical
PC Tail Length	3.50mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	3.50mm
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	0.889µm
Polarized to PCB	No
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[73656](#) Series

Mates With

[73651](#) HDM Board-to-Board Daughterboard Power Module

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 #
HDM Power Module Removal Tool	621001100
Backplane Power Module Loading Heads	622005711

Electrical

Current - Maximum per Contact	15.0A
Data Rate	1.0 Gbps
Real Signals (per 25mm)	75
Shielded	No
Voltage - Maximum	500V AC

Solder Process Data

Lead-freeProcess Capability	N/A
-----------------------------	-----

Material Info

Reference - Drawing Numbers

Application Specification	AS-73656-1998-001
Packaging Specification	PK-70873-0819
Product Specification	PS-73670-9999
Sales Drawing	SDA-73656-X00X-001

This document was generated on 09/14/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[73656-1001](#)