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Part Number: [0736590003](#)

Status: **Active**

Overview: [HDM Backplane Connector System](#)

Description: HDM Board-to-Board Backplane Power Module, Vertical, SMC, Power Receptacle, 12 Circuits, Gold (Au) 0.76µm, Pin Length 3.00mm

Documents:

[3D Model](#)

[3D Model \(PDF\)](#)

[Drawing \(PDF\)](#)

[Packaging Specification PK-70873-0819 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

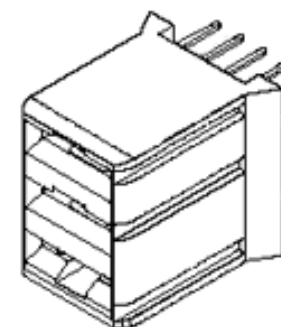
CSA	LR19980
UL	E29179

General

Product Family	Backplane Connectors
Series	73659
Application	Backplane
Comments	Midplane Power Module, Midplane Power Module
Component Type	Power Header
Overview	HDM Backplane Connector System
Product Name	HDM
UPC	800755024845

Physical

Circuits (Loaded)	12
Circuits (maximum)	12
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
Material - Resin	High Temperature Thermoplastic
Net Weight	1.609/g
Number of Columns	1
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Vertical
PC Tail Length	3.00mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	2.50mm
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	3.810µm
Polarized to PCB	No
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole



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

[73659](#) Series

Mates With

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

Electrical

Current - Maximum per Contact	15.0A
Data Rate	1.0 Gbps
Real Signals (per 25mm)	38
Shielded	Yes
Voltage - Maximum	500V AC

Solder Process Data

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

Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-70873-0819
Sales Drawing	SDA-73659-000X

This document was generated on 12/18/2019

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