

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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](#)

[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

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

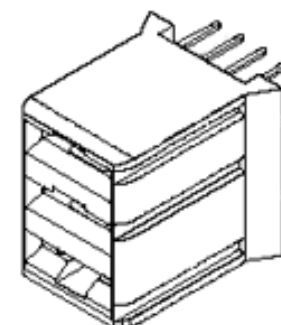
Polarized to PCB No

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/61/2018 (27 June 2018)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

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-73659-000*

This document was generated on 11/23/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION