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Part Number:

0743000144

Status:

Active

Overview:

HDM Backplane Connector System

Description:

HDM Board-to-Board Daughtercard Receptacle, Vertical, Signal Module, with Guide, 72 Circuits, Mounted Height 14.00mm, Pin Length 3.00mm, Lead-Free

Documents:

3D Model

Product Specification PS-73780-999-001 (PDF)

3D Model (PDF)

RoHS Certificate of Compliance (PDF)

Drawing (PDF)

Agency Certification

UL

E29179

General

Product Family

Backplane Connectors

Series

74300

Application

Daughtercard, Mezzanine

Component Type

PCB Receptacle

Overview

HDM Backplane Connector System

Product Name

HDM

UPC

756054809730

Physical

Circuits (Loaded)

72

Circuits (maximum)

72

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

Copper-Nickel-Tin

Material - Plating Mating

Gold

Material - Plating Termination

Matte Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

7.706/g

Number of Columns

12

Number of Pairs

Open Pin Field

Number of Rows

6

Orientation

Vertical

PC Tail Length

3.00mm

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Tube

Pitch - Mating Interface

2.00mm

Pitch - Termination Interface

2.00mm

Plating min - Mating

0.762µm

Plating min - Termination

2.540µm

Polarized to PCB

No

Stackable

Yes

Surface Mount Compatible (SMC)

Yes

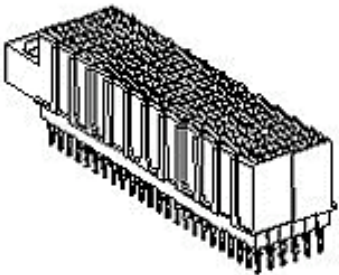
Temperature Range - Operating

-55° to +105°C

Termination Interface: Style

Through Hole - Compliant Pin

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

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January 2020

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

74300 Series

Mates With

HDM Board-to-Board Backplane Header

73642 , 73643 , 73644 , 74349 , 74428 ,

73769 , 73781, 73770 , 73782 , 73783 ,

73771

Current - Maximum per Contact	1.0A
Data Rate	1.0 Gbps
Real Signals (per 25mm)	76
Shielded	Yes
Voltage - Maximum	250V AC

Solder Process Data

Duration at Max. Process Temperature (seconds)	040
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-73780-999-001
Sales Drawing	SD-74300-004

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