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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

Drawing (PDF)

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

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Component Type

Overview

Product Name

UPC

Backplane Connectors

74300

Daughtercard, Mezzanine

PCB Receptacle

HDM Backplane Connector System

HDM

756054809730

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Guide to Mating Part

Keying to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Columns

Number of Pairs

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

72

72

Black

250

No

94V-0

Yes

None

Copper-Nickel-Tin

Gold

Matte Tin

High Temperature Thermoplastic

7.706/g

12

Open Pin Field

6

Vertical

3.00mm

No

None

1.60mm

Tube

2.00mm

2.00mm

0.762µm

2.540µm

No

Yes

Yes

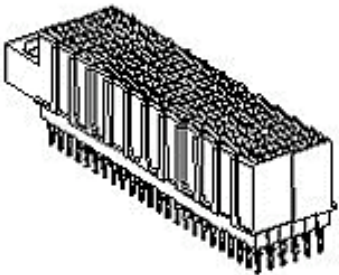
-55° to +105°C

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

1.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China 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

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

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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