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Part Number:

0743015101

Status:

Active

Overview:

HDM Backplane Connector System

Description:

HDM Board-to-Board Backplane Header, Vertical, SMC, Press-Fit, Extended PC Tail, Polar/Guide Option, Guide Post Location B, Polarizing Key Position A, 144 Circuits

Documents:

3D Model

Packaging Specification PK-70873-0868 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Backplane Connectors

Series

74301

Application

Backplane

Component Type

PCB Header

Overview

HDM Backplane Connector System

Product Name

HDM

UPC

800754896610

Physical

Circuits (Loaded)

144

Circuits (maximum)

144

Color - Resin

Black, Natural

Durability (mating cycles max)

250

First Mate / Last Break

No

Guide to Mating Part

No

Keying to Mating Part

None

Material - Metal

Phosphor Bronze, Stainless Steel

Material - Plating Mating

Gold

Material - Plating Termination

Tin-Lead

Material - Resin

High Temperature Thermoplastic

Number of Columns

24

Number of Pairs

Open Pin Field

Number of Rows

6

Orientation

Vertical

PC Tail Length

7.00mm

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

0.381µm

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

Current - Maximum per Contact

1.0A

Data Rate

1.0 Gbps

Real Signals (per 25mm)

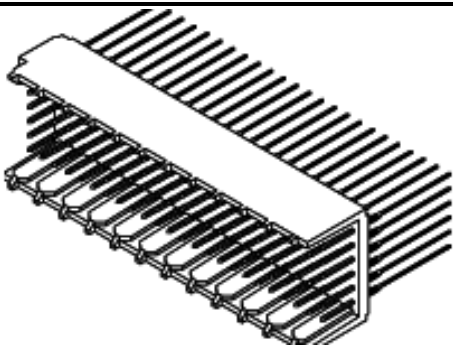
75

Shielded

No

Voltage - Maximum

250V AC



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

China RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

China ROHS

Not Reviewed

ELV

Not Reviewed

RoHS Phthalates

Not Reviewed

Search Parts in this Series

74301 Series

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 #

Backplane Insertion

622005703

Head for 144 Circuits

Material Info

Reference - Drawing Numbers

Packaging Specification
Sales Drawing

PK-70873-0868
SD-74301-001

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