

This document was generated on 03/24/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0743002143

Status: Active

Overview: HDM Backplane Connector System

Description: HDM Board-to-Board Daughtercard Receptacle, Vertical, Signal Module, with Guide, 72

Circuits, Mounted Height 13.00mm, Press-Fit Pin Length 3.00mm

Documents:

<u>3D Model</u> <u>Product Specification PS-73780-999-001 (PDF)</u>

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

3D Model (PDF)

Agency Certification

UL E29179

General

Product Family Backplane Connectors

Series <u>74300</u>

Application Daughtercard, Mezzanine

Component Type PCB Receptacle

Overview <u>HDM Backplane Connector System</u>

Product Name HDM

UPC 756054415047

Physical

Circuits (Loaded) 72
Circuits (maximum) 72

Color - Resin Black
Durability (mating cycles max) 250

First Mate / Last Break
No
Flammability
Guide to Mating Part
Keying to Mating Part
None

Material - Metal Copper-Nickel-Tin

Material - Plating Mating Gold
Material - Plating Termination Tin-Lead

Material - Resin High Temperature Thermoplastic

Net Weight 9.968/g Number of Columns 12

Number of Pairs Open Pin Field

Number of Rows
Orientation

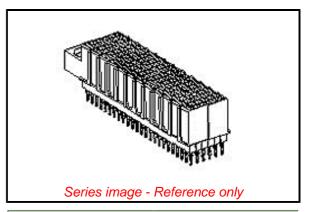
Vertical PC Tail Length 3.00mm **PCB** Locator Nο **PCB** Retention None PCB Thickness - Recommended 1.60mm Packaging Type Tube Pitch - Mating Interface 2.00mm Pitch - Termination Interface 2.00mm Plating min - Mating 0.762µm Plating min - Termination 0.889µm

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



EU ELV

Not Relevant

EU RoHS China RoHS

Compliant REACH SVHC Not Contained Per -D(2020)9139-DC (19

Jan 2021)

<u>Halogen-Free</u>

<u>Status</u>

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 <u>73642</u>, <u>73643</u>, <u>73644</u>, <u>74349</u>, <u>74428</u>, <u>73769</u>, <u>7</u>3781, <u>73770</u>, <u>73782</u>, <u>73783</u>,

73771

Current - Maximum per Contact1.0AData Rate1.0 GbpsReal Signals (per 25mm)76ShieldedYesVoltage - Maximum250V AC

Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Product Specification PS-73780-999-001 Sales Drawing SD-74300-002

This document was generated on 03/24/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for High Speed/Modular Connectors category:

Click to view products by Molex manufacturer:

Other Similar products are found below:

650827-1 74040-1346 1410191-1 1410337-1 1410368-3 1410964-2 1410326-3 1410367-3 1410971-4 1467833-1 2000877-1 2000878-1 2041314-1 2065387-1 2187307-1 163P 1934290-1 2000875-1 2065917-1 2102736-2 FSR-40 2169868-2 22354-8 437-5040-000 5-1393565-0 039-0246-000 0761601016 0784461022 10123159-12ELF 030-2415-003/100 PK 030-7380-004 030-2494-001 532939-1 5532901-3 3-1469268-7 74748-102LF 73670-0247 10041743-101LF 10066670-100002LF 1-533915-1 249-4515-000 7-1469373-3 DL2-2J/S 2000713-8 2000713-7 10124313-101LF 3011-21 757105208 EBTF-4-10-2.0-S-RA-1 430305-001