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Part Number: **0737803255**
Status: **Active**
Overview: HDM Backplane Connector System
Description: HDM Board-to-Board Daughtercard Receptacle, Vertical, Signal Module, 144 Circuits, Mounted Height 15.00mm, Pin Length 3.50mm, Press-Fit

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-73780-999-001 \(PDF\)](#)

Agency Certification

UL E29179

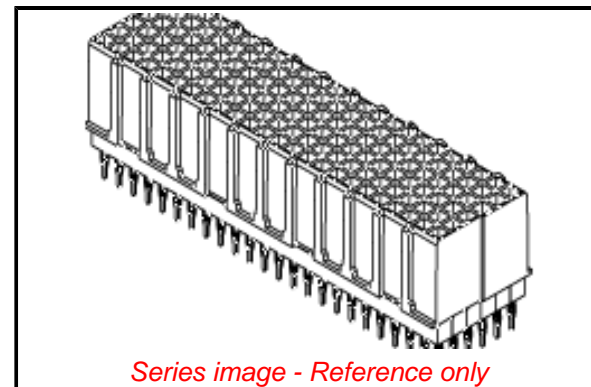
General

Product Family Backplane Connectors
 Series 73780
 Application Daughtercard, Mezzanine
 Comments Press-Fit Tail
 Component Type PCB Receptacle
 Overview HDM Backplane Connector System
 Product Name HDM
 UPC 756054464892

Physical

Circuits (Loaded) 144
 Circuits (maximum) 144
 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 Copper-Nickel-Tin
 Material - Plating Mating Gold
 Material - Plating Termination Tin-Lead
 Material - Resin High Temperature Thermoplastic
 Net Weight 19.022/g
 Number of Columns 24
 Number of Pairs Open Pin Field
 Number of Rows 6
 Orientation Vertical
 PC Tail Length 3.50mm
 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 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



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

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 environmental compliance?**

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 Please visit the [Contact Us](#) section for any
 non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

73780 Series

Mates With

HDM Board-to-Board Backplane Header
73642 , 73643 , 73644 , 73942 , 73943 ,
73944 , 74349 , 74428. HDM Board-to-
 Board Stacking Header 73769 , 73770 ,
73782 , 73783 , 73771

Current - Maximum per Contact	15.0A, 1.0A
Data Rate	1.0 Gbps
Real Signals (per 25mm)	75
Shielded	No
Voltage - Maximum	250V AC

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info**Reference - Drawing Numbers**

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

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