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Part Number:

0743003145

Status:

Active

Overview:

HDM Backplane Connector System

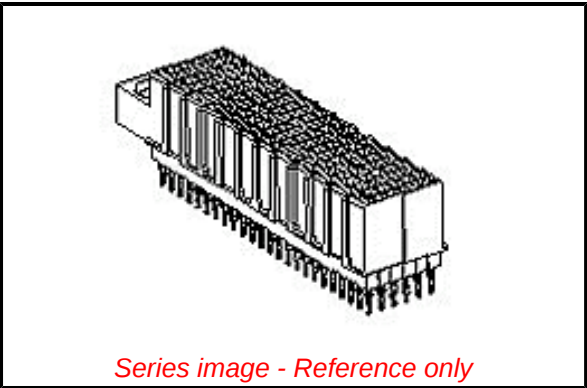
Description:

HDM Board-to-Board Daughtercard Receptacle, Vertical, Signal Module, with Guide, 144 Circuits, Mounted Height 15.00mm, Press-Fit Pin Length 3.00mm

Documents:	
3D Model	Product Specification PS-73780-999-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
3D Model (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	822348271016
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	Yes
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	20.088/g
Number of Columns	24
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	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	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ECHA_01_2020 (16 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	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-73780-999-001
Sales Drawing	SD-74300-002

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