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Part Number: [0736433200](#)

Status: **Active**

Overview:

Description: 2.00mm (.079") Pitch HDM® Board-to-Board Backplane Header, Vertical, Press-Fit, Closed End, 144 Circuits

Documents:

[Test Summary \(PDF\)](#)

[Drawing \(PDF\)](#)

[Application Specification \(PDF\)](#)

[3D Model](#)

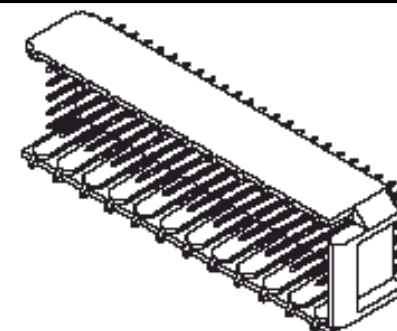
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Backplane Connectors
Series	73643
Application	Backplane
Comments	Standard Press-Fit
Component Type	PCB Header
Overview	HDM®
Product Name	HDM®
Style	N/A

Physical

Circuits (Loaded)	144
Circuits (maximum)	144
Color - Resin	Black
Color - Resin	Natural
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	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Columns	24
Number of Pairs	Open Pin Field
Number of Rows	6
Orientation	Vertical
PC Tail Length (in)	0.138 In
PC Tail Length (mm)	3.50 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Pitch - Term. Interface (in)	0.079 In
Pitch - Term. Interface (mm)	2.00 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	15
Plating min: Termination (µm)	0.375
Polarized to PCB	No
Stackable	Yes
Surface Mount Compatible (SMC)	Yes



Series image - Reference only

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Pb

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[73643 Series](#)

Mates With

[73632 HDM PLUS® Board-to-Board Daughtercard Receptacle](#). [73780 HDM® Board-to-Board Daughtercard Receptacle](#)

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 #
Flat Rock Tooling for Pneumatic Press	0622013700
Extraction Tool	0621001000
HDM® Backplane	0621001400
Insertion Signal Contact Tool	
HDM® Backplane	0622005703
Insertion Head for 144 Positions	

Temperature Range - Operating -55°C to +105°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

CSA LR18689
Current - Maximum 1A
Data Rate 1.0 Gbps
Real Signals (per 25mm) 75
UL E29179
Voltage - Maximum 250V AC

Material Info

Reference - Drawing Numbers

Sales Drawing SDA-73643-****

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