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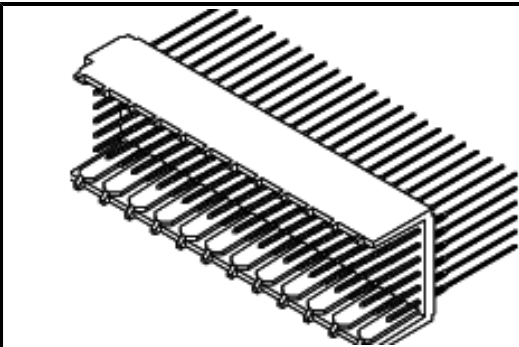
Part Number: [0743015104](#)
Status: **Active**
Overview: [HDM® Backplane Connector System](#)
Description: HDM® Board-to-Board Backplane Header, Vertical, SMC, Press-Fit, Extended PC Tail, Polar/Guide Option, 144 Circuits

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 800755970180

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°C 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

Need more information on product environmental compliance?

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

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	Product #
Description	
Backplane Insertion Head for 144 Circuits	0622005703

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-0868
Sales Drawing	SD-74301-001

Note: HDM, HDM+, VHDM, VHDM-HSD and GbX are trademarks or registered trademarks of Amphenol TCS.

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