

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0736443207](#)  
**Status:** **Active**  
**Overview:** [HDM® Backplane Connector System](#)  
**Description:** HDM Board-to-Board Backplane Header, Vertical, SMC, Press-Fit, Guide Post Location A, Polarizing Key Position D, 144 Circuits

**Documents:**

[3D Model](#) [Packaging Specification PK-70873-0818 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

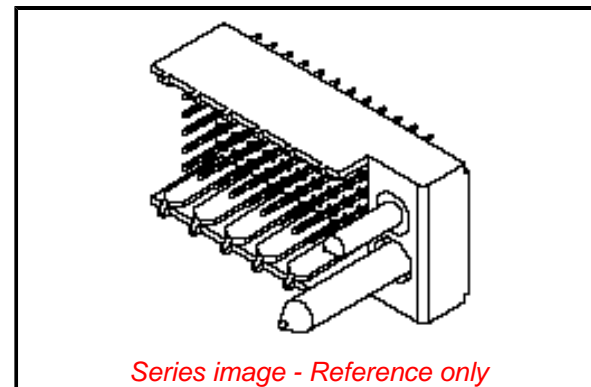
CSA LR19980  
 UL E29179

**General**

Product Family Backplane Connectors  
 Series [73644](#)  
 Application Backplane  
 Comments Standard Press-Fit, Tin/Lead (SnPb)  
 Component Type PCB Header  
 Overview [HDM® Backplane Connector System](#)  
 Product Name HDM®  
 UPC 800754833455

**Physical**

Circuits (Loaded) 144  
 Circuits (maximum) 144  
 Color - Resin Black, Natural  
 Durability (mating cycles max) 250  
 First Mate / Last Break No  
 Flammability 94V-0  
 Guide to Mating Part Yes  
 Keying to Mating Part Yes  
 Material - Metal Phosphor Bronze, Stainless Steel  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 9.729/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 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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/30/2017 (7 July  
 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
 environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 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**

[73644 Series](#)

**Mates With**

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

**Electrical**

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

**Material Info****Reference - Drawing Numbers**

Packaging Specification	PK-70873-0818
Sales Drawing	SDA-73644-****

This document was generated on 08/29/2017

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**