

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

**Part Number:** [73809-0202](#)  
**Status:** **Active**  
**Overview:** HDM®  
**Description:** 2.00mm Pitch HDM® Board-to-Board Midplane Header, Vertical, Press-Fit, Closed End, Guide Post A Location, A Polarization Key, 72 Circuits

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Backplane Connectors  
 Series [73809](#)  
 Application Midplane  
 Component Type Shroud Housing  
 Overview [HDM®](#)  
 Product Name HDM®  
 Style N/A  
 UPC 800753278929

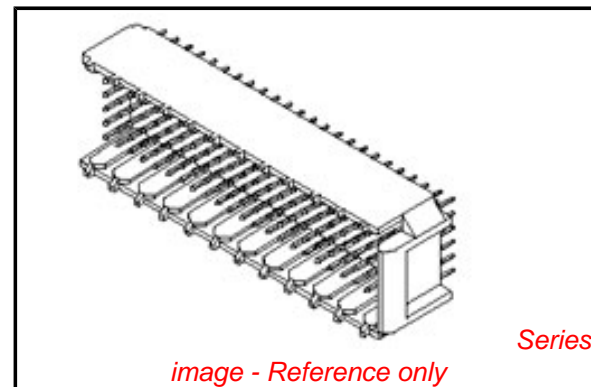
**Physical**

Circuits (Loaded) 72  
 Circuits (maximum) 72  
 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 Yes  
 Material - Metal Stainless Steel  
 Material - Plating Mating N/A  
 Material - Resin High Temperature Thermoplastic  
 Number of Columns 12  
 Number of Pairs Open Pin Field  
 Number of Rows 6  
 Orientation Vertical  
 PC Tail Length 5.55mm  
 PCB Locator No  
 PCB Retention None  
 Packaging Type Tube  
 Pitch - Mating Interface 2.00mm  
 Pitch - Termination Interface 2.00mm  
 Stackable Yes  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -55°C to +105°C

**Electrical**

Current - Maximum per Contact 1A  
 Data Rate 1.0 Gbps  
 Real Signals (per 25mm) 72  
 Voltage - Maximum 250V AC

**Solder Process Data**



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Reviewed**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

**Search Parts in this Series**

[73809Series](#)

**Mates With**

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

Lead-free Process Capability  
Process Temperature max. C

Reflow Capable (SMT only)  
260

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing

SD-73809-001

HDM and High Density Metric are trademarks of Amphenol Corporation

This document was generated on 10/05/2012

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