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Part Number: [0737711190](#)
Status: **Active**
Overview: [hdm](#)
Description: 2.00mm (.079") Pitch HDM® Board-to-Board Stacking Header, High Rise Vertical, SMC, Press-Fit, Guide Pin Option, 144 Circuits

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-73780-999 \(PDF\)](#)

Agency Certification

CSA LR19980

General

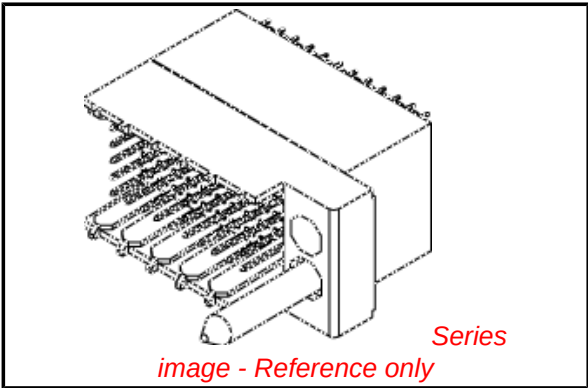
Product Family Backplane Connectors
Series [73771](#)
Application Midplane
Component Type PCB Header
Overview [hdm](#)
Product Name HDM®
Style N/A

Physical

Circuits (Loaded) 144
Circuits (maximum) 144
Color - Resin Black
Durability (mating cycles max) 250
Flammability 94V-0
Keying to Mating Part Yes
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
PCB Retention Yes
PCB Thickness Recommended (in) 0.098 In
PCB Thickness Recommended (mm) 2.50 mm
Packaging Type Tube
Pitch - Mating Interface (in) 0.079 In
Pitch - Mating 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
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 1A
Data Rate 1.0 Gbps
Voltage - Maximum 250V AC



EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Halogen-Free
Status**

China RoHS



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

Email 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

[73771Series](#)

Mates With

[73632](#) HDM PLUS® Board-to-Board
Daughterboard 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 #
HDM® Backplane Insertion Signal Contact Tool	0621001400
HDM® Backplane Insertion Head for 144 Positions	0622005703
Extraction Tool	0621001000

Material Info

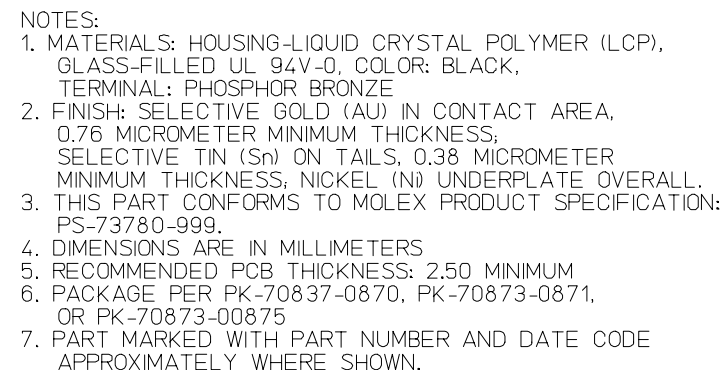
Reference - Drawing Numbers

Packaging Specification	PK-70873-0870
Product Specification	PS-73780-999
Sales Drawing	SD-73771-002

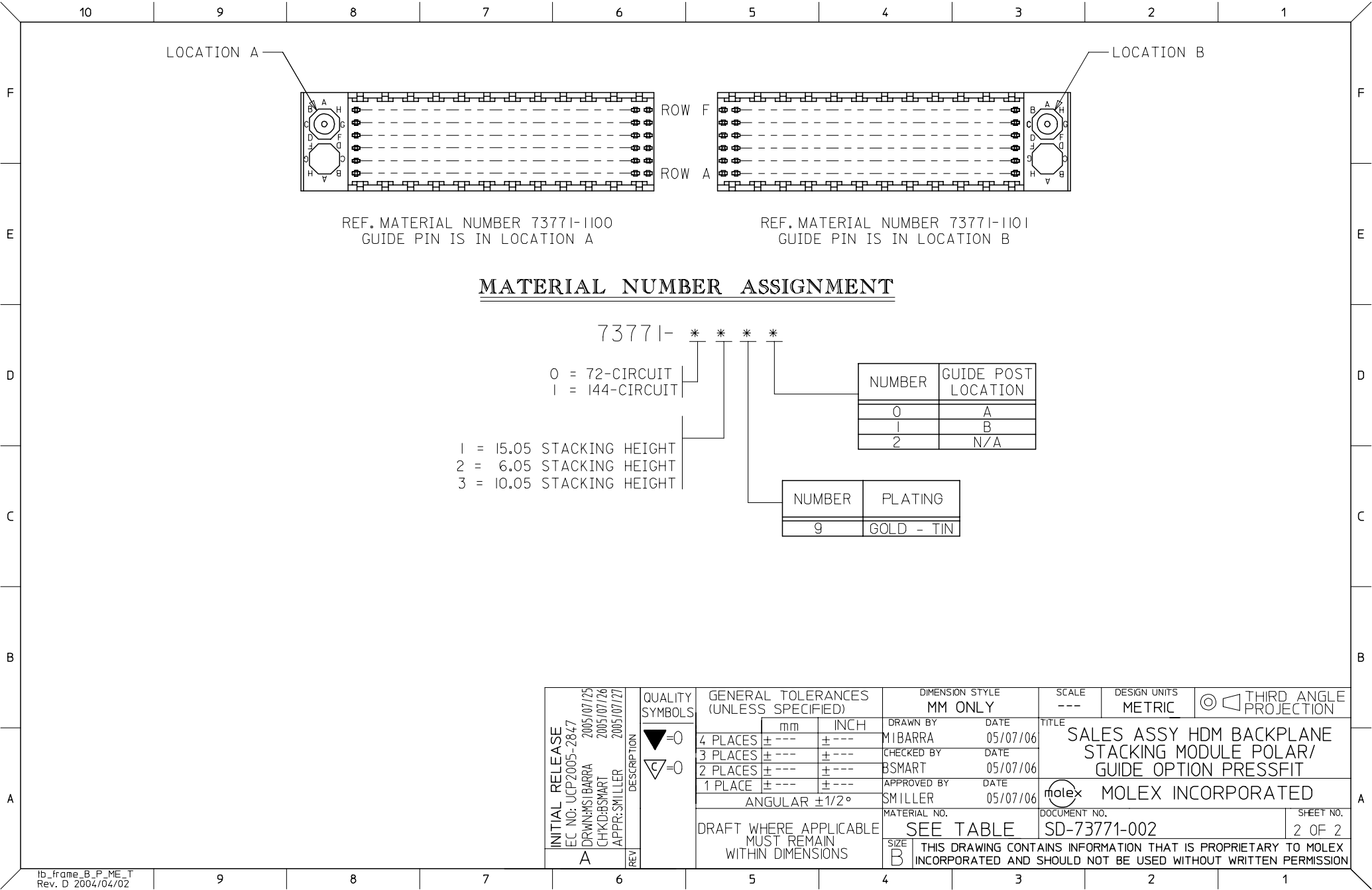
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INITIAL RELEASE EC NO: UCP2005-2847 DRAWN:MS BARRA 2005/07/25 CHKD:BSMART 2005/07/26 APPR:SMILLER 2005/07/27	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY DATE	TITLE	SALES ASSY HDM BACKPLANE STACKING MODULE POLAR/ GUIDE OPTION PRESSFIT MOLEX INCORPORATED			
			4 PLACES	± ---	± ---	M1BARRA	05/07/06				
			3 PLACES	± ---	± ---	CHECKED BY	DATE				
			2 PLACES	± 0.05	± ---	BSMART	05/07/06				
			1 PLACE	± 0.10	± ---	APPROVED BY SMILLER	DATE 05/07/06				
			ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-73771-002		1 OF 2	
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			A	REV							



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			mm	INCH	DRAWN BY	DATE	TITLE SALES ASSY HDM BACKPLANE STACKING MODULE POLAR/ GUIDE OPTION PRESSFIT MOLEX INCORPORATED		
			4 PLACES ± ---	± ---	MIBARRA	05/07/06			
			3 PLACES ± ---	± ---	CHECKED BY	DATE			
			2 PLACES ± ---	± ---	BSMART	05/07/06			
1 PLACE ± ---	± ---	APPROVED BY	DATE	MOLEX					
ANGULAR ±1/2°		SMILLER	05/07/06						
A			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
					SEE TABLE		SD-73771-002		2 OF 2
					SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		