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Part Number:

0758856410

Status:

Active

Overview:

vhdm

Description:

2.00mm (.079") Pitch VHDM® Board-to-Board Daughtercard Receptacle, Right Angle, 6-Row, 2 Blade Power Module, 2 Circuits, Mating Blade Length: 12.00mm (.472") Blade 1, 7.50mm (.295") Blade 2, Lead-Free

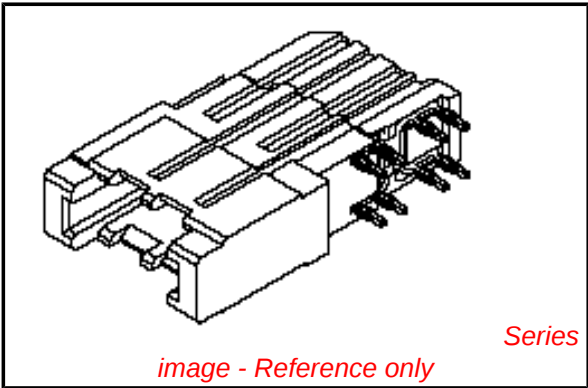
Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Backplane Connectors
Series	75885
Application	Daughtercard
Application Tooling Documents	Tooling Manual
Comments	Daughtercard Receptacle Module, Power, 2-Blade
Component Type	Power Receptacle
Overview	vhdm
Product Name	VHDM®
Style	N/A

Physical	
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	Yes
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Columns	N/A
Number of Pairs	Open Pin Field
Number of Rows	1
Orientation	Right Angle
PC Tail Length (in)	0.110 In
PC Tail Length (mm)	2.80 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.071 In
PCB Thickness Recommended (mm)	1.80 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.157 In
Pitch - Mating Interface (mm)	4.00 mm
Pitch - Term. Interface (in)	0.157 In
Pitch - Term. Interface (mm)	4.00 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	35
Plating min: Termination (µm)	0.875
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Halogen-Free

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

75885Series

Temperature Range - Operating
Termination Interface: Style

105°C
Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact
Data Rate
Real Signals (per 25mm)
Shielded
Voltage - Maximum

10A
2.5 Gbps
38
No
120V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification
Sales Drawing

PK-70873-200
SD-75885-001

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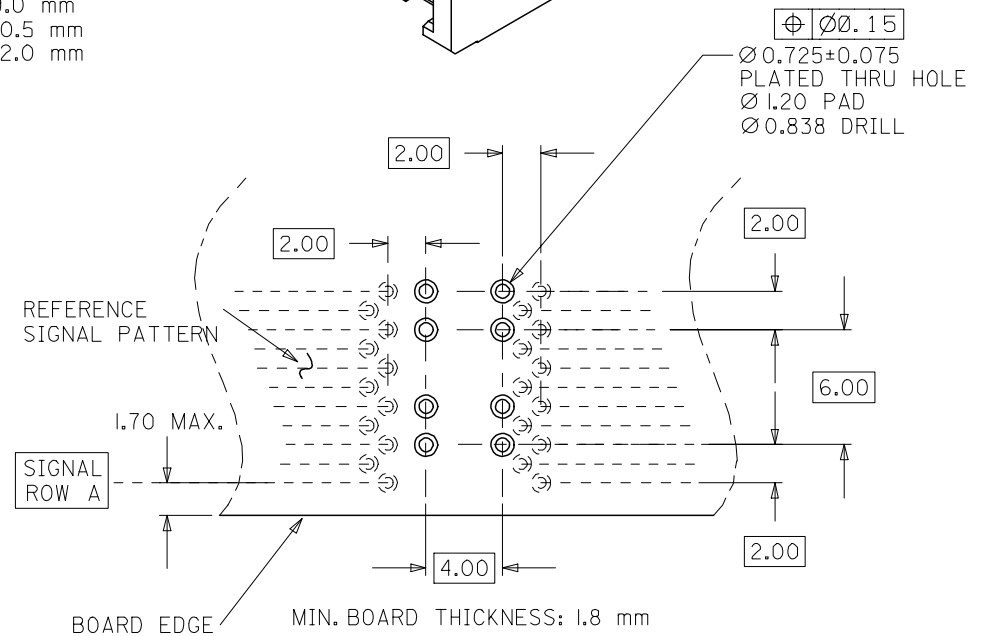
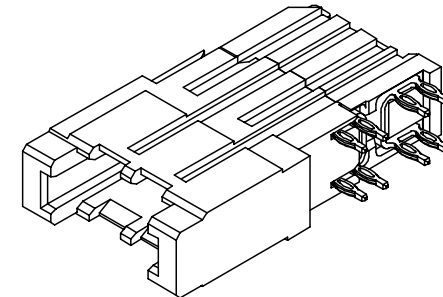
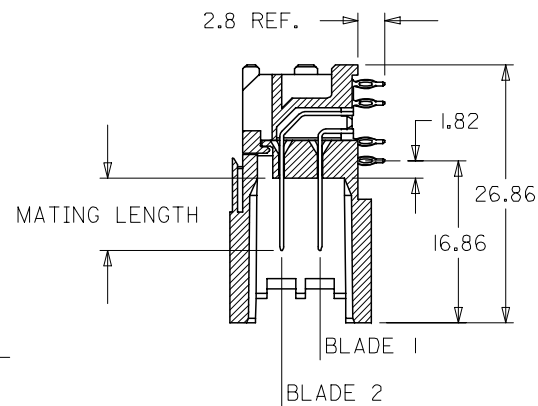
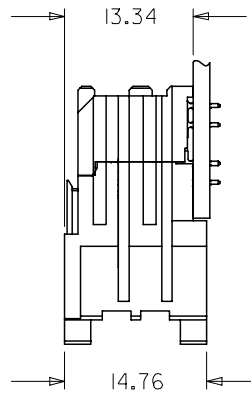
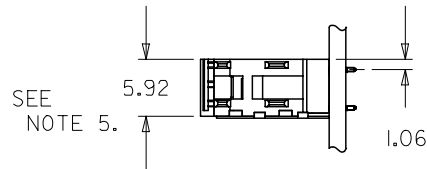
This document was generated on 05/28/2010

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MATERIAL NUMBER ASSIGNMENT

75885 - 6 * * 0 SEE NOTE 2. & 3.

BLADE 1 MATING LENGTH	BLADE 2 MATING LENGTH
1 = 7.5 mm	1 = 7.5 mm
2 = 9.0 mm	2 = 9.0 mm
3 = 10.5 mm	3 = 10.5 mm
4 = 12.0 mm	4 = 12.0 mm
6 = 7.5 mm	6 = 7.5 mm
7 = 9.0 mm	7 = 9.0 mm
8 = 10.5 mm	8 = 10.5 mm
9 = 12.0 mm	9 = 12.0 mm



NOTES:

- MATERIALS:
HOUSING - LIQUID CRYSTAL POLYMER (LCP)
UL94 V-0 RATED, COLOR: BLACK
TERMINAL - COPPER ALLOY
- FINISH: SELECT GOLD ON MATING SURFACE, 30 microINCH THICK; MATTE TIN ON TAILS; NICKEL OVERALL.
(WHEN * = 1, 2, 3, OR 4)
- FINISH: SELECT GOLD ON MATING SURFACE, 50 microINCH THICK; MATTE TIN ON TAILS; NICKEL OVERALL.
(WHEN * = 6, 7, 8, OR 9)
- THIS PART CONFORMS TO PRODUCT SPECIFICATION PS-74031-999.
- PART SHOWN IS 75885-6110.
- USE 6.00 mm NOMINAL FOR DAUGHTERCARD LAYOUT.

RELEASED EC NO: UCP2006-3055 DRWNG:VARVARA 2006/06/21 CHKD:SREED 2006/06/21 APPR:SREED 2006/06/22 A	DESCRIPTION QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		mm	INCH	DRAWN BY	DATE	TITLE					
		4 PLACES	± ---	± ---	VARVARA	06/06/20	VHDM LEAD FREE POWER				
		3 PLACES	± ---	± ---	CHECKED BY	DATE	6 ROW DAUGHTERCARD				
		2 PLACES	± ---	± ---	SREED	06/06/20	SALES ASSEMBLY				
		1 PLACE	± ---	± ---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED				
		ANGULAR ±1/2°			SREED 06/06/20		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE CHART		SD-75885-001		1 OF 1		
	REV				SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					