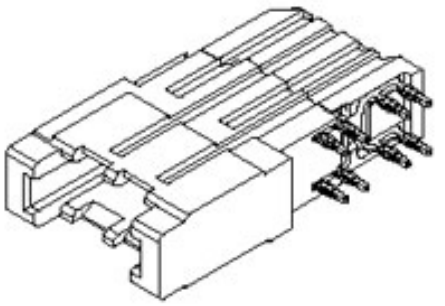
This document was generated on 05/19/2010

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Part Number: 0740268222
Status: Active
Overview: vhdm
Description: 2.00mm (.079") Pitch VHDM® Board-to-Board Daughtercard Receptacle, Right Angle, 8-Row, 3 Blade Power Module, 3 Circuits, Mating Blade Length: 9.00mm (.354") Blade 1, 9.00mm (.354") Blade 2, 9.00mm (.354")Blade 3



Series image - Reference only

Documents:
3D Model
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Backplane Connectors
Series	74026
Application	Daughtercard
Application Tooling Documents	Tooling Manual
Comments	Daughtercard Receptacle Module, Power, 3-Blade
Component Type	Power Receptacle
Overview	vhdm
Product Name	VHDM®
Style	N/A

Physical

Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Gold, Tin-Lead
Material - Resin	High Temperature Thermoplastic
Number of Columns	N/A
Number of Pairs	Open Pin Field
Number of Rows	8
Orientation	Right Angle
PCB Retention	None
PCB Thickness Recommended (in)	0.070 In
PCB Thickness Recommended (mm)	1.80 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)	2, 35.2
Plating min: Termination (µm)	0.05, 0.88
Polarized to PCB	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	10A

EU RoHS
RoHS Compliant by Exemption
REACH SVHC
Contains SVHC: No
Halogen-Free Status
Halogen-Free

China RoHS
50
Pb

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
74026Series

Mates With
74029 VHDM® Board-to-Board Backplane Receptacle Power Module

Data Rate	2.5 Gbps
Real Signals (per 25mm)	100
Voltage - Maximum	250V

Material Info

Reference - Drawing Numbers

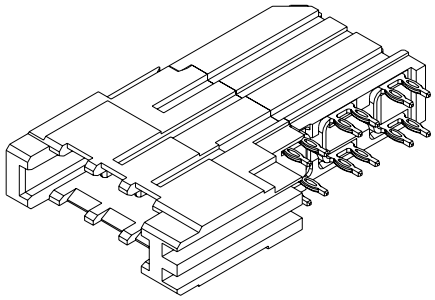
Packaging Specification	PK-70873-201
Sales Drawing	SD-74026-002

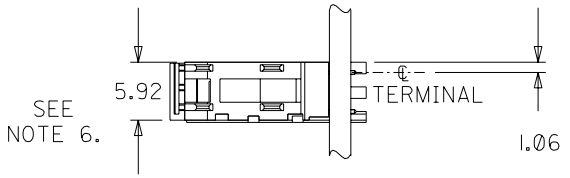
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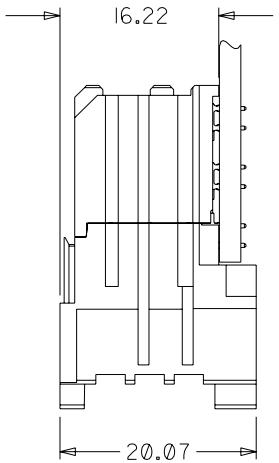
MATERIAL NUMBER ASSIGNMENT

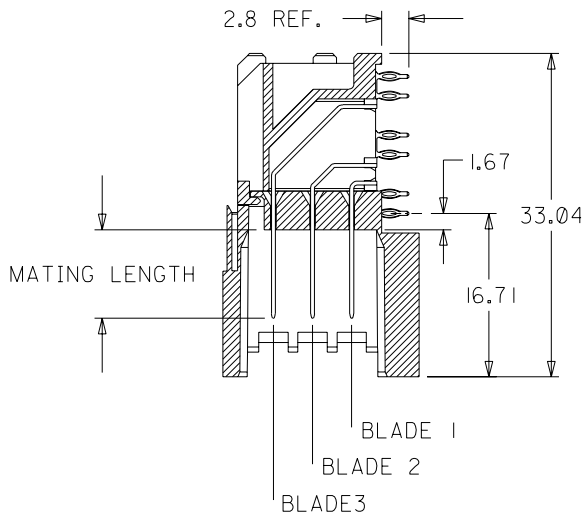
74026 – 8 * * * SEE NOTE 2. & 3.

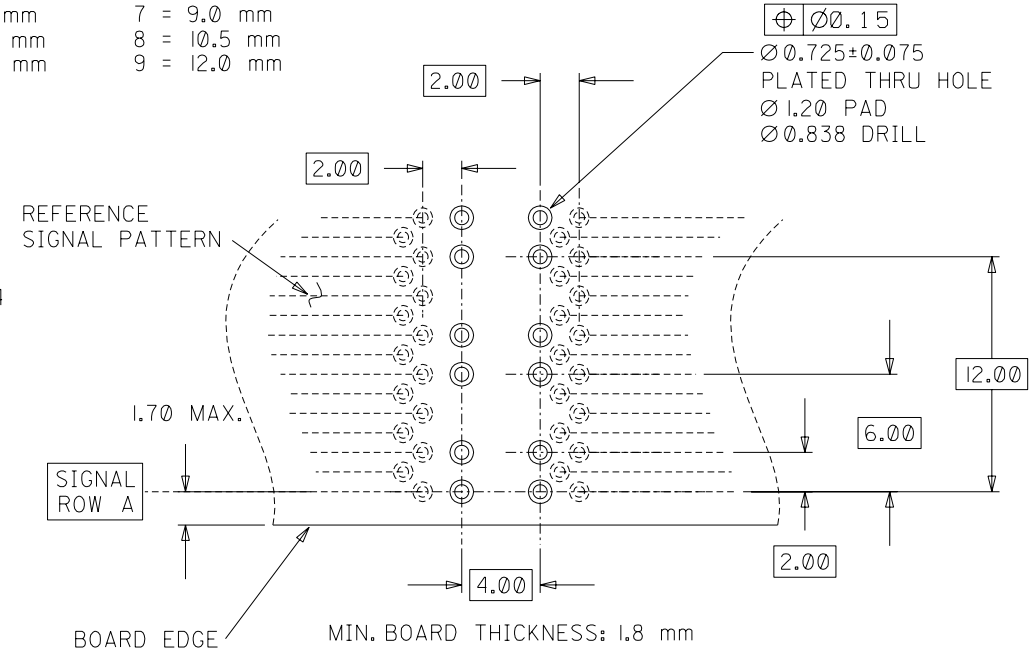
BLADE 1 MATING LENGTH	BLADE 2 MATING LENGTH	BLADE 3 MATING LENGTH
1 = 7.5 mm	1 = 7.5 mm	1 = 7.5 mm
2 = 9.0 mm	2 = 9.0 mm	2 = 9.0 mm
3 = 10.5 mm	3 = 10.5 mm	3 = 10.5 mm
4 = 12.0 mm	4 = 12.0 mm	4 = 12.0 mm
5 = 9.75 mm	5 = 9.75 mm	5 = 9.75 mm
6 = 7.5 mm	6 = 7.5 mm	6 = 7.5 mm
7 = 9.0 mm	7 = 9.0 mm	7 = 9.0 mm
8 = 10.5 mm	8 = 10.5 mm	8 = 10.5 mm
9 = 12.0 mm	9 = 12.0 mm	9 = 12.0 mm











NOTES:

1. MATERIALS:
   HOUSING - LIQUID CRYSTAL POLYMER (LCP)
   UL94 V-0 RATED, COLOR: BLACK
   TERMINAL - COPPER ALLOY
2. FINISH: SELECT GOLD ON MATING SURFACE, 30 microINCH THICK; TIN/LEAD ON TAILS; NICKEL OVERALL. (WHEN * = 1, 2, 3, 4, OR 5).
3. FINISH: SELECT GOLD ON MATING SURFACE, 50 microINCH THICK; TIN/LEAD ON TAILS; NICKEL OVERALL. (WHEN * = 6, 7, 8, OR 9).
4. THIS PART CONFORMS TO PRODUCT SPECIFICATION PS-74031-999.
5. PART SHOWN IS 74026-8222.
6. USE 6.00 mm NOMINAL FOR DAUGHTERCARD LAYOUT.

ADD 9.75 BLADE
EC NO. UDT2002-1108 02/03/12
DRWN: ELO 02/03/13
CH'K: ELO 02/03/14
APPR: BIXLER 02/03/14
DESCRIPTION
E
REV

QUALITY SYMBOLS
MAJOR ▼ = 0
CRITICAL (C) = 0

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.	±.
2 PLACES	±0.	±.
1 PLACE	±0.	±.
ANGULAR: ± 5 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE NONE | DESIGN UNITS ☒mm ☐INCH | THIRD ANGLE PROJECTION | DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY | SHT | REV | REVISE ON CAD ONLY

DRAWN BY & DATE ELO 98/10/15
CHECKED BY & DATE BREARLEY 98/10/21
APPROVED BY & DATE BIXLER 98/10/22
CAD FILENAME SD-74026-002.S01

TITLE: VHDM POWER 8 ROW DAUGHTERCARD SALES ASSEMBLY

molex MOLEX INCORPORATED

MATERIAL NO. SEE CHART | DRAWING NO. SD-74026-002 | SHEET NO. 1 OF 1

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SIZE B