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Part Number: [0751170018](#)
Status: **Active**
Overview: [vhdm](#)
Description: 2.00mm (.079") Pitch VHDM® Board-to-Board Stacker Receptacle, Vertical, 8-Row, 400 Circuits, 0.76µm (30µ") Gold (Au)

Documents:

[Drawing \(PDF\)](#) [Product Specification PS-74031-999 \(PDF\)](#)
[Packaging Specification \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Backplane Connectors
Series	75117
Application	Daughtercard
Application Tooling Documents	Tooling Manual
Comments	Stack Height 18mm (.708"), Lead Free
Component Type	PCB Receptacle
Overview	vhdm
Product Name	VHDM®
Style	N/A

Physical

Circuits (Loaded)	400
Circuits (maximum)	400
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	Copper-Nickel-Silicon, High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Number of Columns	N/A
Number of Pairs	Open Pin Field
Number of Rows	8
Orientation	Vertical
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)	30
Plating min: Termination (µm)	0.75
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	3.125 Gbps

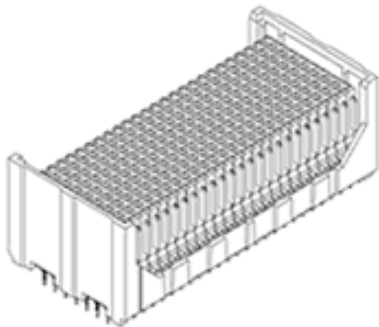


image - Reference only

Series

EU RoHS
RoHS Compliant by Exemption
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
[75117Series](#)

Mates With
[74060](#) VHDM® Board-to-Board Backplane Header

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	Product #
VHDM® Single	0622021450
Wafer Removal Tool,	
8 Row	

Real Signals (per 25mm)	100
Voltage - Maximum	120V AC (RMS)/DC

Material Info

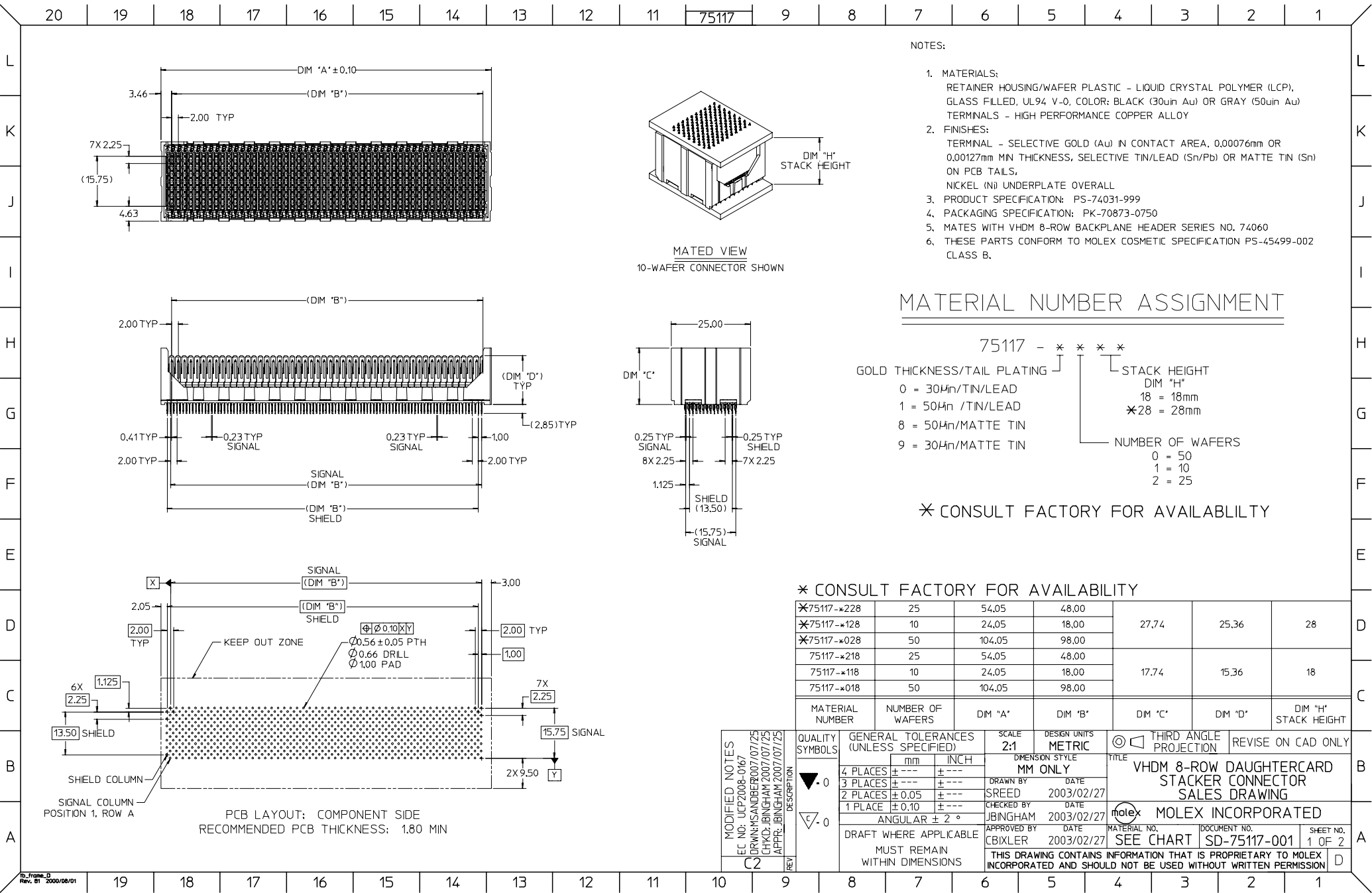
Reference - Drawing Numbers

Product Specification	PS-74031-999
Sales Drawing	SD-75117-001

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NOTES:

1. MATERIALS:
RETAINER HOUSING/WAFER PLASTIC - LIQUID CRYSTAL POLYMER (LCP),
GLASS FILLED, UL94 V-0, COLOR: BLACK (30µin Au) OR GRAY (50µin Au)
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISHES:
TERMINAL - SELECTIVE GOLD (Au) IN CONTACT AREA, 0.00076mm OR
0.00127mm MIN THICKNESS, SELECTIVE TIN/LEAD (Sn/Pb) OR MATTE TIN (Sn)
ON PCB TAILS,
NICKEL (Ni) UNDERPLATE OVERALL
3. PRODUCT SPECIFICATION: PS-74031-999
4. PACKAGING SPECIFICATION: PK-70873-0750
5. MATES WITH VHDM 8-ROW BACKPLANE HEADER SERIES NO. 74060
6. THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002
CLASS B.

MATERIAL NUMBER ASSIGNMENT

75117 - * * * *

GOLD THICKNESS/TAIL PLATING

0 = 30µin/TIN/LEAD
1 = 50µin /TIN/LEAD
8 = 50µin/MATTE TIN
9 = 30µin/MATTE TIN

STACK HEIGHT
DIM "H"
18 = 18mm
*28 = 28mm

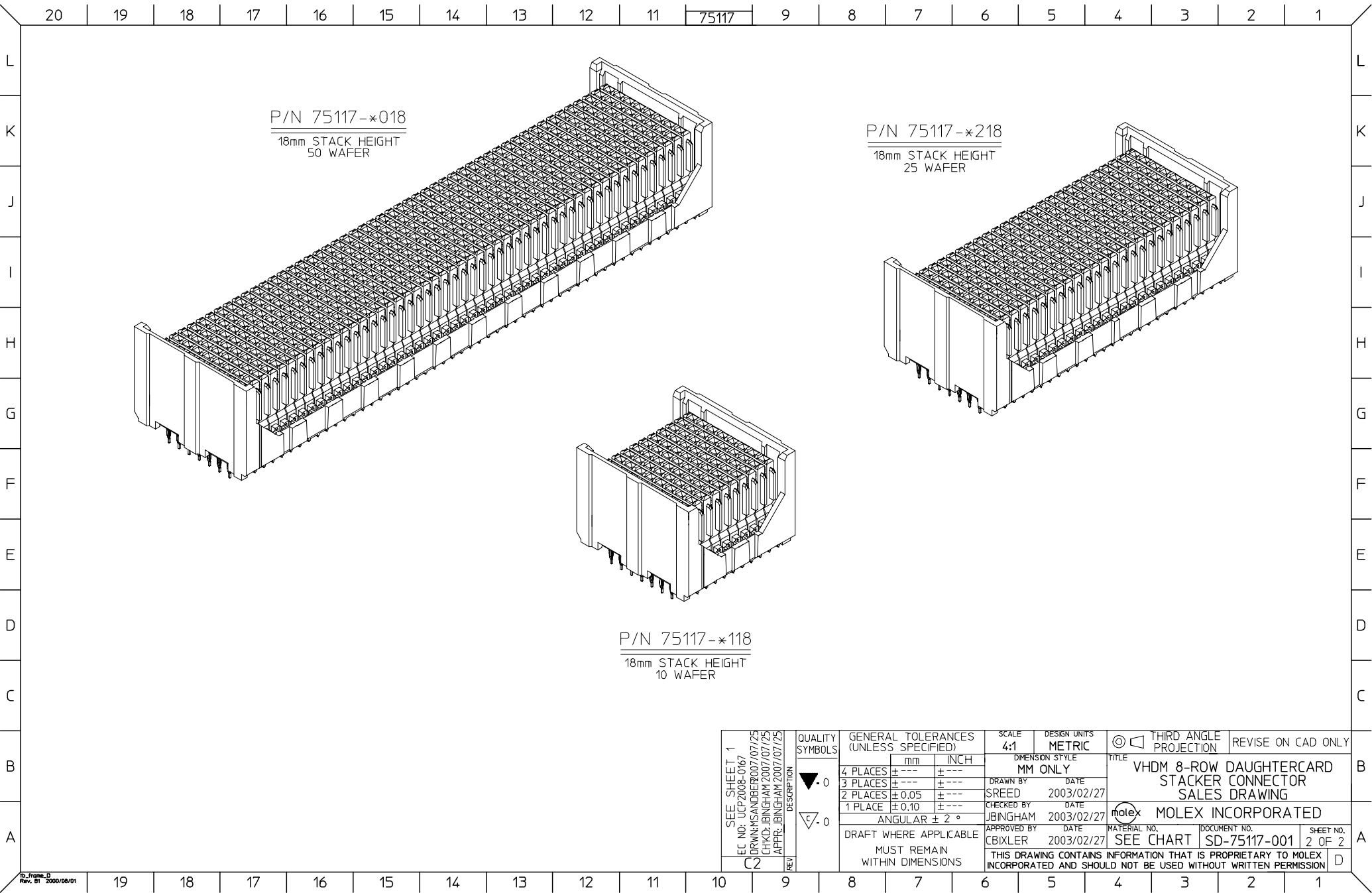
NUMBER OF WAFERS
0 = 50
1 = 10
2 = 25

* CONSULT FACTORY FOR AVAILABILITY

* CONSULT FACTORY FOR AVAILABILITY

*75117-*228	25	54.05	48.00	27.74	25.36	28
*75117-*128	10	24.05	18.00			
*75117-*028	50	104.05	98.00			
75117-*218	25	54.05	48.00	17.74	15.36	18
75117-*118	10	24.05	18.00			
75117-*018	50	104.05	98.00			
MATERIAL NUMBER	NUMBER OF WAFERS	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "H" STACK HEIGHT

MODIFIED NOTES EC NO: UCP-2008-067 DRAWN: MSANDBERG 07/07/25 CHKD: JBINGHAM 07/07/25 APPR: JBINGHAM 07/07/25 REV C2	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY		
	DESCRIPTION ▽-0  -0		mm	INCH	DIMENSION STYLE MM ONLY		TITLE VHDM 8-ROW DAUGHTERCARD STACKER CONNECTOR SALES DRAWING  MOLEX INCORPORATED		
		4 PLACES	± ---	± ---	DRAWN BY	DATE			
		3 PLACES	± ---	± ---	SREED	2003/02/27			
		2 PLACES	± 0.05	± ---	CHECKED BY	DATE			
		1 PLACE	± 0.10	± ---	JBINGHAM	2003/02/27			
		ANGULAR ± 2 °		APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
	DRAFT WHERE APPLICABLE		CBIXLER	2003/02/27	SEE CHART	SD-75117-001	1 OF 2		
	MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



SEE SHEET 1 EC NO: UCP 2008-0067 DRAWN: MSANDER 2007/07/25 CHKD: JBINGHAM 2007/07/25 APPR: JBINGHAM 2007/07/25 REV C2	QUALITY SYMBOLS ▽.0 ▽.0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY			
					DIMENSION STYLE MM ONLY		TITLE VHDM 8-ROW DAUGHTERCARD STACKER CONNECTOR SALES DRAWING				
			4 PLACES	± .00	± .00	DRAWN BY SREED	DATE 2003/02/27	MOLEX	MATERIAL NO. SEE CHART DOCUMENT NO. SD-75117-001 SHEET NO. 2 OF 2		
			3 PLACES	± .00	± .00	CHECKED BY JBINGHAM	DATE 2003/02/27				
			2 PLACES	± 0.05	± .00	APPROVED BY CBIXLER					
			1 PLACE	± 0.10	± .00						
			ANGULAR ± 2 °								
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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