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Part Number: 0749812503
Status: Active
Overview: vhdm__hsd
Description: 2.00mm (.079") Pitch 6-Row VHDM-HSD™ Backplane Header, Guide Pin Signal Module, Shield End Version, 100 Circuits, Pin Length 4.25mm (.167")

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification
CSA LR19980

General
Product Family Backplane Connectors
Series 74981
Application Backplane
Application Tooling Documents Tooling Manual
Comments No Keying Position
Component Type PCB Header
Overview vhdm__hsd
Product Name VHDM-HSD™
Style N/A

Physical
Circuits (Loaded) 100
Circuits (maximum) 100
Color - Resin Black
Durability (mating cycles max) 200
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part Yes
Keying to Mating Part None
Material - Metal Copper-Nickel-Silicon, High Performance Alloy (HPA), Stainless Steel
Material - Plating Mating Gold
Material - Plating Termination Tin-Lead
Material - Resin High Temperature Thermoplastic
Number of Columns 25
Number of Pairs Open Pin Field
Number of Rows 6
Orientation Vertical
PCB Locator No
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
Pitch - Term. Interface (in) 0.079 In
Pitch - Term. 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 Yes

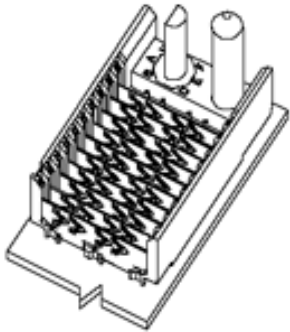


image - Reference only

Series

EU RoHS
RoHS Compliant by Exemption
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS

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
74981Series

Mates With
74880 VHDM\HSD Daughtercard

Use With
Daughtercard Modules

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 #
VHDM® Signal Pin	0622015700
Insertor Repair Tool	
VHDM-HSD™ Signal Header, 6 Row by 25 Wide, 50.00mm (1.97")	0622020217

Stackable	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	1A
Data Rate	5.0 Gbps
Real Signals (per 25mm)	48
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Material Info

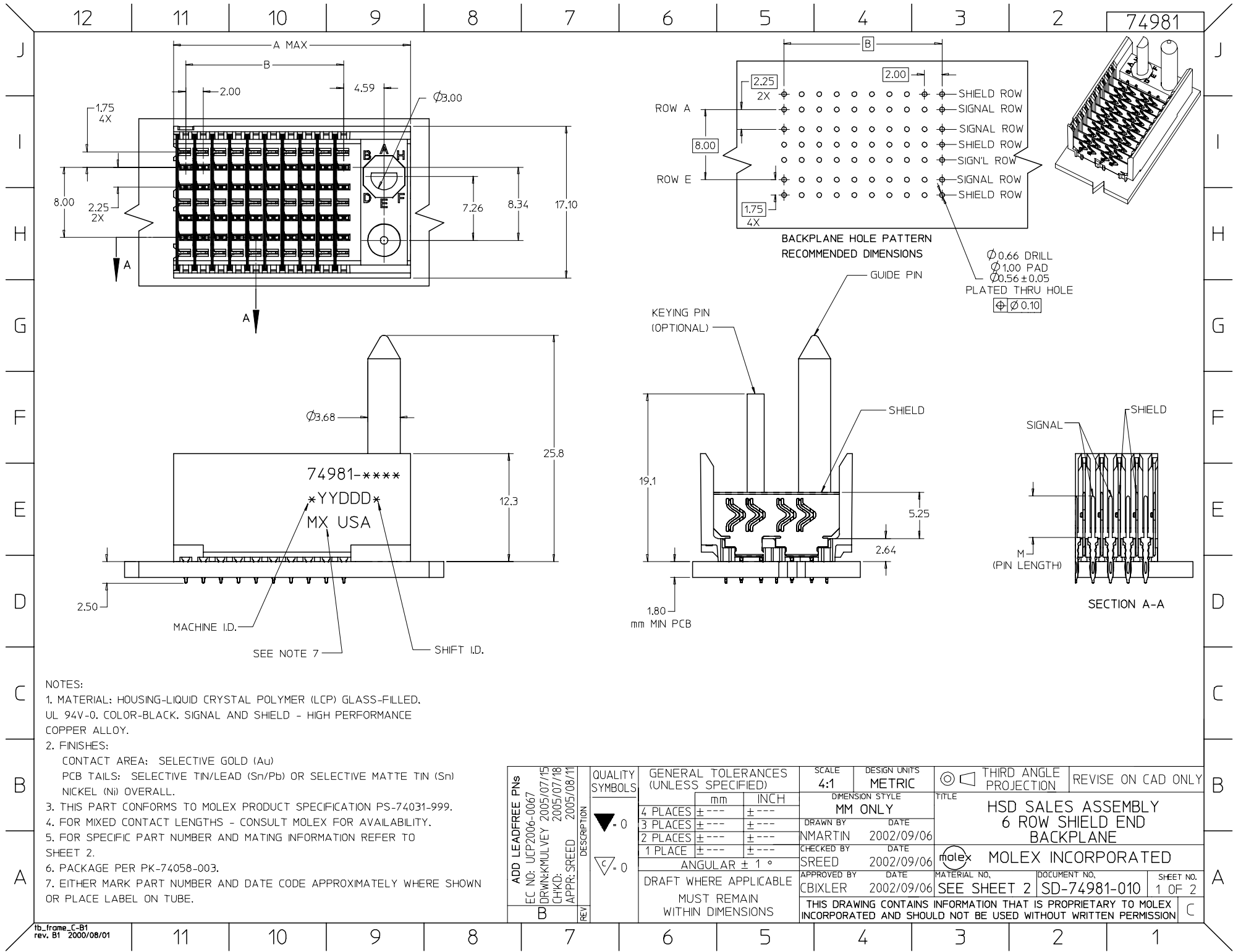
Reference - Drawing Numbers

Sales Drawing	SD-74981-010
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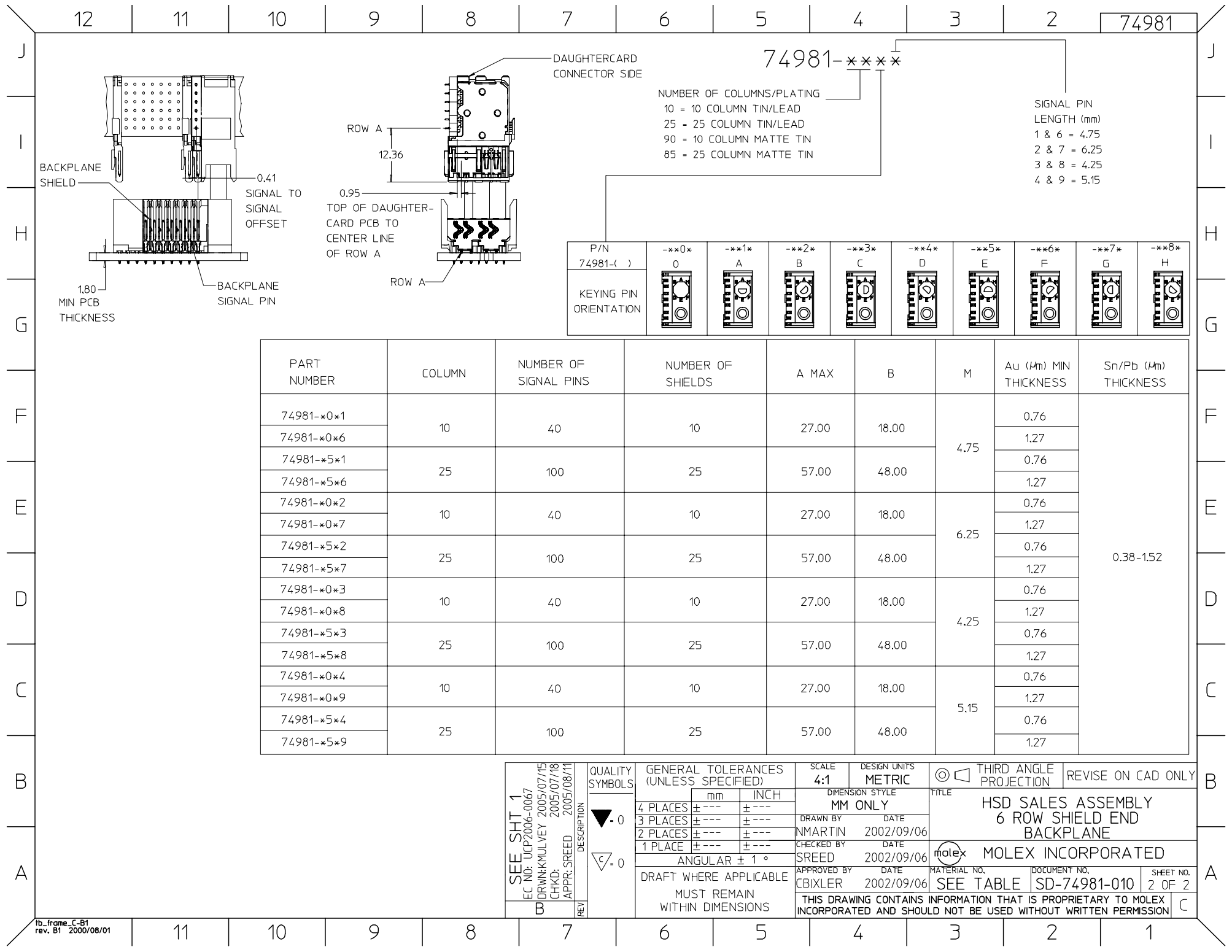
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ADD LEADFREE PNs EC NO: UCP2006-0067 DRWN: KMULVEY 2005/07/15 CHKD: 2005/07/18 APPR: SREED 2005/08/11	DESCRIPTION REV	QUALITY SYMBOLS 0 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY			
					DIMENSION STYLE MM ONLY					TITLE HSD SALES ASSEMBLY 6 ROW SHIELD END BACKPLANE	
					DRAWN BY NMARTIN	DATE 2002/09/06					
					CHECKED BY SREED	DATE 2002/09/06					
					ANGULAR $\pm 1^\circ$		 MOLEX INCORPORATED				
			DRAFT WHERE APPLICABLE		APPROVED BY CBIXLER	DATE 2002/09/06		MATERIAL NO. SEE SHEET 2	DOCUMENT NO. SD-74981-010	SHEET NO. 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						



PART NUMBER	COLUMN	NUMBER OF SIGNAL PINS	NUMBER OF SHIELDS	A MAX	B	M	Au (µm) MIN THICKNESS	Sn/Pb (µm) THICKNESS
74981-#0#1	10	40	10	27.00	18.00	4.75	0.76	0.38-152
74981-#0#6							1.27	
74981-#5#1	25	100	25	57.00	48.00		0.76	
74981-#5#6							1.27	
74981-#0#2	10	40	10	27.00	18.00	6.25	0.76	
74981-#0#7							1.27	
74981-#5#2	25	100	25	57.00	48.00		0.76	
74981-#5#7							1.27	
74981-#0#3	10	40	10	27.00	18.00	4.25	0.76	
74981-#0#8							1.27	
74981-#5#3	25	100	25	57.00	48.00		0.76	
74981-#5#8							1.27	
74981-#0#4	10	40	10	27.00	18.00	5.15	0.76	
74981-#0#9							1.27	
74981-#5#4	25	100	25	57.00	48.00		0.76	
74981-#5#9							1.27	

SEE SHT 1
EC NO: UCP2006-0067
DRAWN: KMULVEY 2005/07/15
CHKD: 2005/07/18
APPR: SREED 2005/08/11

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± ---
1 PLACE ± --- ± ---
ANGULAR ± 1 °
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

SCALE 4:1
DESIGN UNITS METRIC
DIMENSION STYLE MM ONLY
DRAWN BY DATE
NMARTIN 2002/09/06
CHECKED BY DATE
SREED 2002/09/06
APPROVED BY DATE
CBIXLER 2002/09/06
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THIRD ANGLE PROJECTION
REVISE ON CAD ONLY
TITLE
HSD SALES ASSEMBLY
6 ROW SHIELD END
BACKPLANE
MOLEX INCORPORATED
MATERIAL NO. SEE TABLE
DOCUMENT NO. SD-74981-010
SHEET NO. 2 OF 2



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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