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Part Number: [0736562001](#)
Status: **Active**
Overview: [hdm](#)
Description: 2.00mm (.079") Pitch HDM® Board-to-Board Backplane Power Module, Vertical, SMC, Power Receptacle, 3 Circuits, Gold (Au) 0.76µm (30µ")

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-73670-9999 \(PDF\)](#)

General	
Product Family	Backplane Connectors
Series	73656
Application	Backplane
Comments	Backplane Power Module
Component Type	Power Header
Overview	hdm
Product Name	HDM®
Style	N/A
Physical	
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
Durability (mating cycles max)	250
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	Beryllium Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Number of Columns	1
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Vertical
PC Tail Length (in)	0.138 In
PC Tail Length (mm)	3.50 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.138 In
PCB Thickness Recommended (mm)	3.50 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)	35.2
Plating min: Termination (µm)	0.88
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

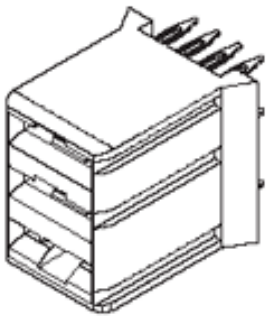


image - Reference only

Series

EU RoHS
RoHS Compliant by Exemption
REACH SVHC
Contains SVHC: No
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
[73656Series](#)

Mates With
[73651](#) HDM® Board-to-Board Daughterboard Power Module

Electrical

Current - Maximum per Contact	15A
Data Rate	1.0 Gbps
Real Signals (per 25mm)	75
Shielded	No
Voltage - Maximum	500V AC

Material Info

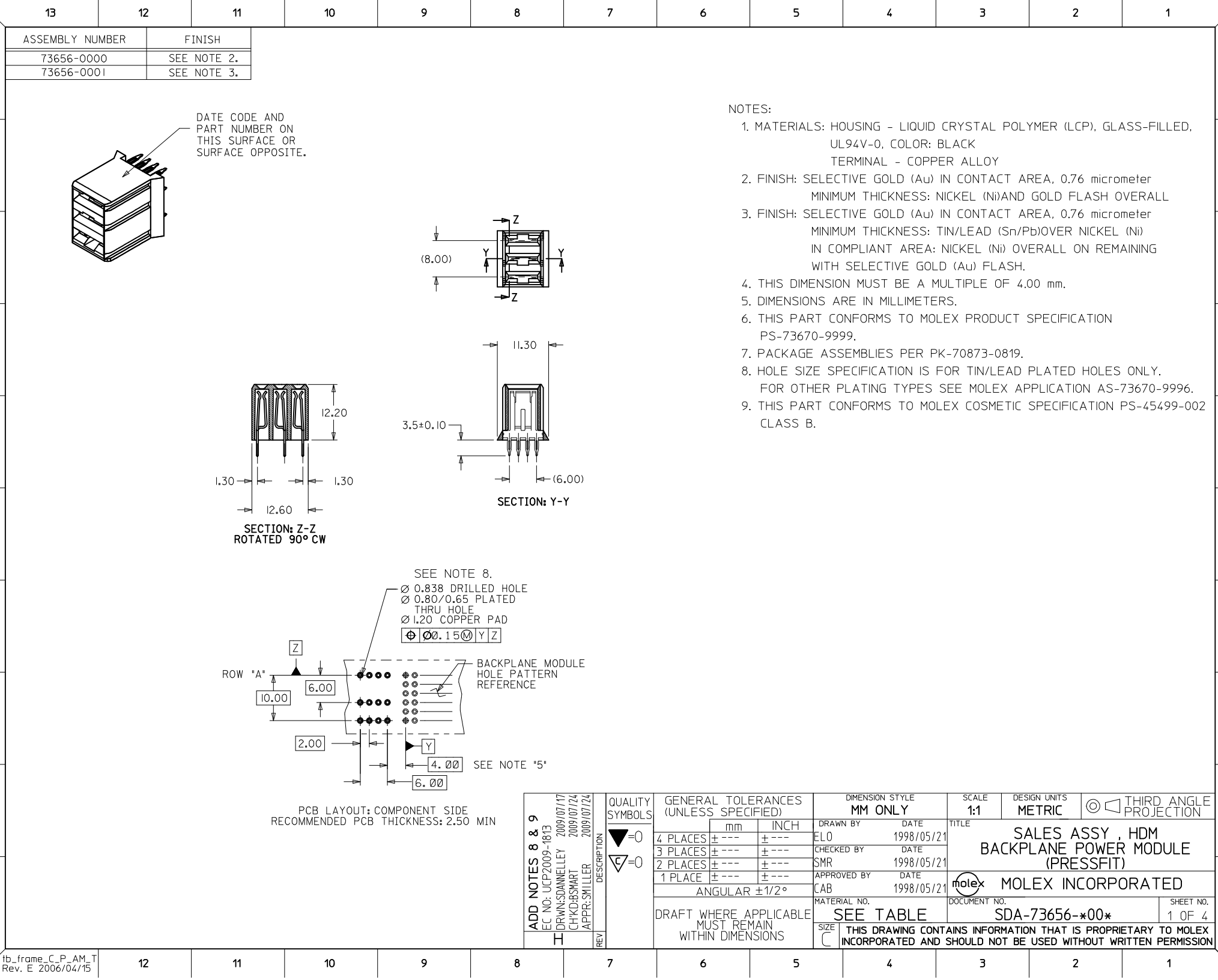
Reference - Drawing Numbers

Application Specification	AS-73656-1998
Packaging Specification	PK-70873-0819
Product Specification	PS-73670-9999
Sales Drawing	SDA-73656-*00*

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F

E

D

C

B

A

F

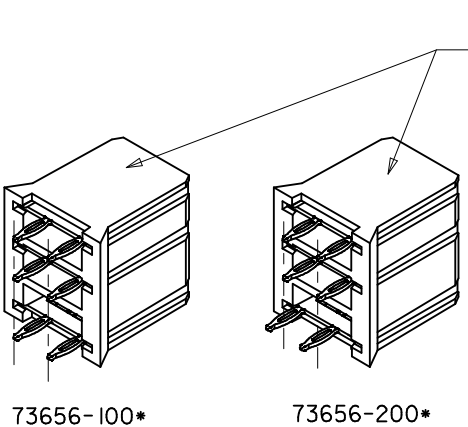
E

D

C

B

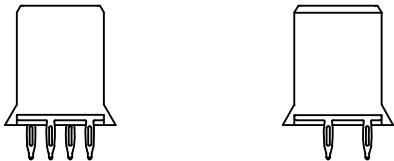
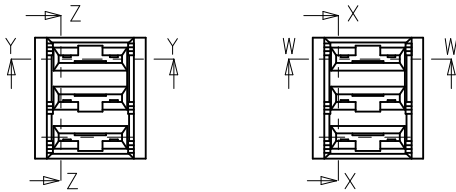
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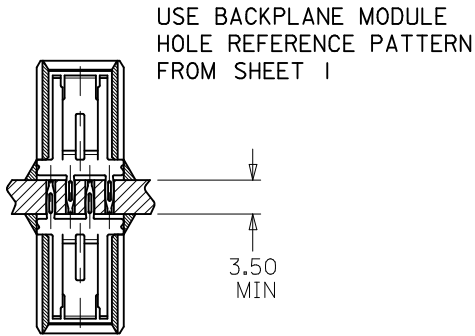
DATE CODE AND
PART NUMBER ON
THIS SURFACE OR
SURFACE OPPOSITE.

MIDPLANE OPTION

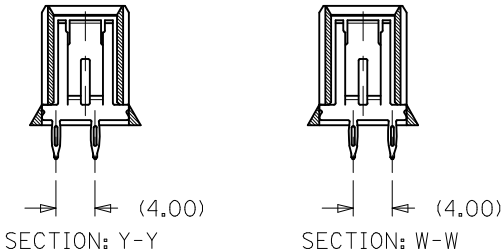
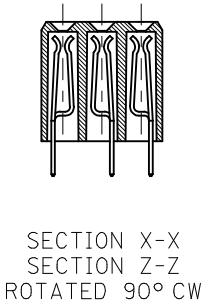
ASSEMBLY NUMBER	FINISH (SEE SHT 1)
73656-1000	SEE NOTE 2. (GOLD TAILS)
73656-2000	
73656-1001	SEE NOTE 3. (TIN/LEAD TAILS)
73656-2001	



73656-200* 73656-100*



BACK-TO-BACK
MOUNTING APPLICATION



SEE SHEET 1 EC NO: UCP2009-1813 DRWN:SDANIELLEY 2009/07/17 CHKD:BSMART 2009/07/24 APPR:SMILLER 2009/07/24 REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		▽=0			DRAWN BY DATE		TITLE				
		▽=0			ELO 1998/05/21		SALES ASSY , HDM BACKPLANE POWER MODULE (PRESSFIT)				
					CHECKED BY DATE						
					SMR 1998/05/21						
					APPROVED BY DATE						
					CAB 1998/05/21		MOLEX MOLEX INCORPORATED				
					MATERIAL NO.		DOCUMENT NO.				
					SIZE B		SHEET NO.				
							2 OF 4				

ASSEMBLY NUMBER

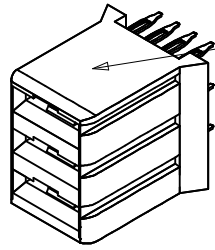
FINISH (SHT I)

73656-5000

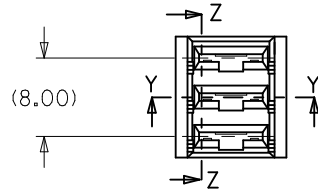
SEE NOTE 2.

73656-5001

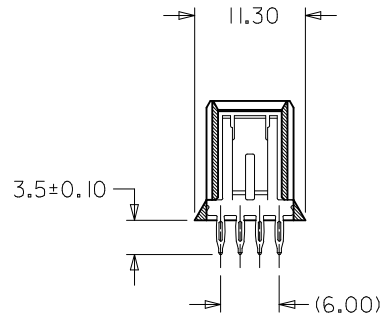
SEE NOTE 3.



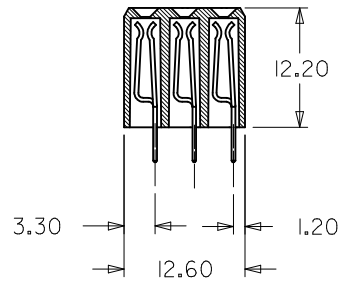
DATE CODE AND
PART NUMBER ON
THIS SURFACE OR
SURFACE OPPOSITE.



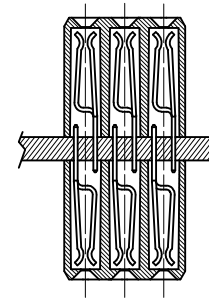
(8.00)



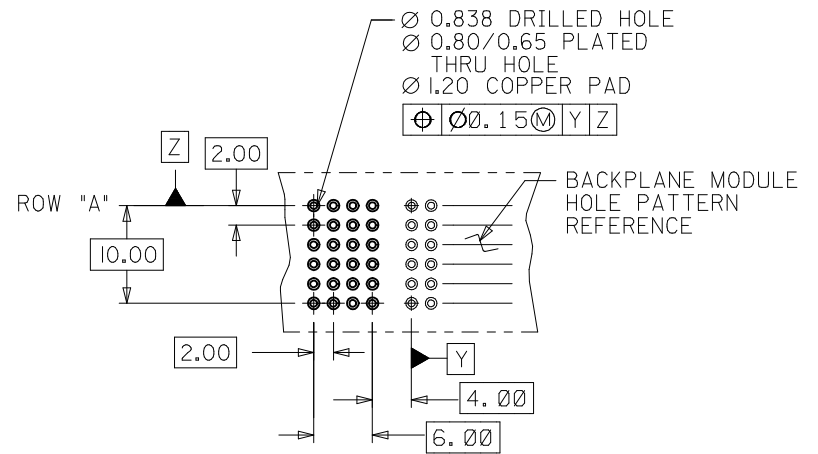
SECTION: Y-Y



SECTION: Z-Z
ROTATED 90° CW



2.36 MIN



SEE SHEET 1 EC NO: UCP2009-1813 DRWN:SDANIELLEY 2009/07/17 CHKD:BSMART 2009/07/24 APPR:SMILLER 2009/07/24	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY	DATE	TITLE SALES ASSY , HDM BACKPLANE POWER MODULE (PRESSFIT)			
			4 PLACES	± --- ± ---	ELO	1998/05/21				
			3 PLACES	± --- ± ---	CHECKED BY	DATE				
			2 PLACES	± --- ± ---	SMR	1998/05/21	 MOLEX INCORPORATED			
			1 PLACE	± --- ± ---	APPROVED BY	DATE				
ANGULAR ±1/2°		CAB	1998/05/21	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE B		SEE TABLE		SDA-73656-*00*		3 OF 4		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

ASSEMBLY NUMBER

FINISH

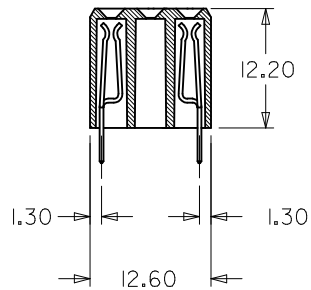
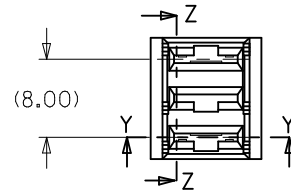
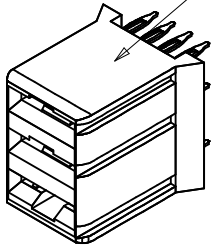
73656-0180

SEE NOTE 2.

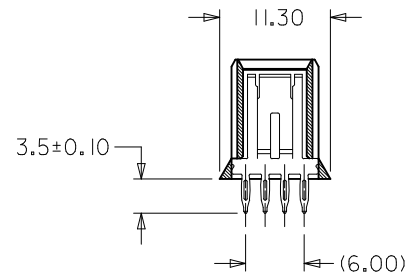
73656-0181

SEE NOTE 3.

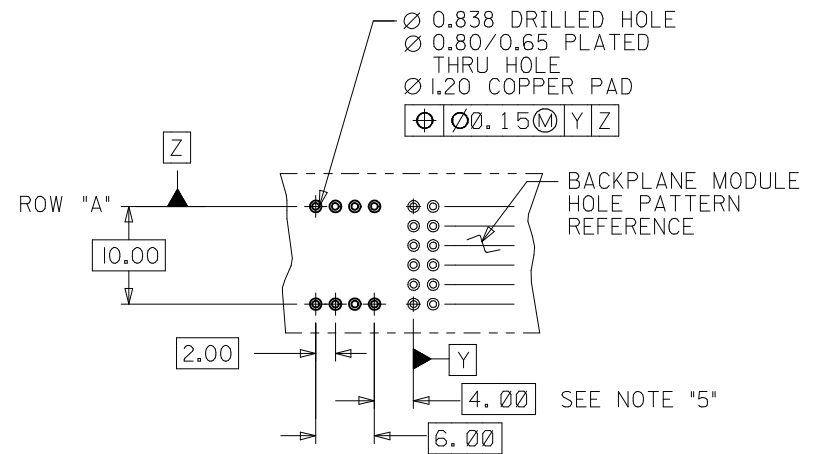
DATE CODE AND
PART NUMBER ON
THIS SURFACE OR
SURFACE OPPOSITE.



SECTION: Z-Z
ROTATED 90° CW



SECTION: Y-Y



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 2.50 MIN

SEE SHEET 1
EC NO: UCP2009-1813
DRWN:SDANIELLEY 2009/07/17
CHKD:SMART 2009/07/24
APPR:SMILLER 2009/07/24

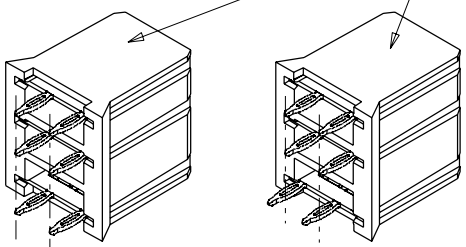
QUALITY
SYMBOLS
▽=0
▽=0

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

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
ELO	1998/05/21
CHECKED BY	DATE
SMR	1998/05/21
APPROVED BY	DATE
CAB	1998/05/21
MATERIAL NO.	
SEE TABLE	
SIZE	B

SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
SALES ASSY, HDM BACKPLANE POWER MODULE (PRESSFIT)		
MOLEX INCORPORATED		
DOCUMENT NO. SDA-73656-*00*		SHEET NO. 4 OF 4
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10 9 8 7 6 5 4 3 2 1

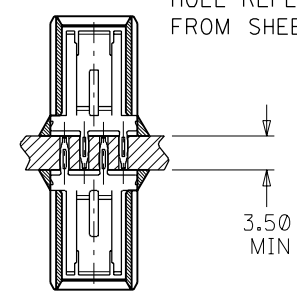


73656-100* 73656-200*

DATE CODE AND
PART NUMBER ON
THIS SURFACE OR
SURFACE OPPOSITE.

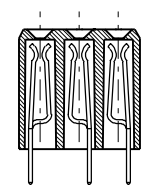
MIDPLANE OPTION

ASSEMBLY NUMBER	FINISH (SEE SHT 1)
73656-1000	SEE NOTE 2. (GOLD TAILS)
73656-2000	
73656-1001	SEE NOTE 3. (TIN/LEAD TAILS)
73656-2001	

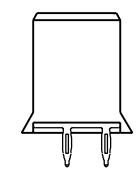
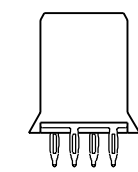
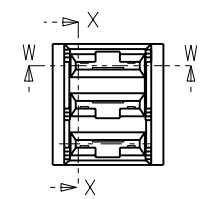
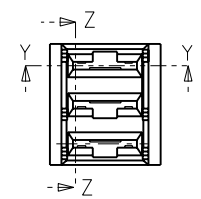


BACK-TO-BACK
MOUNTING APPLICATION

USE BACKPLANE MODULE
HOLE REFERENCE PATTERN
FROM SHEET 1

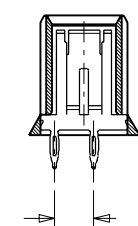


SECTION X-X
SECTION Z-Z
ROTATED 90° CW

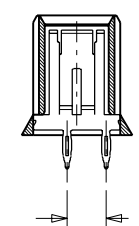


73656-200*

73656-100*



SECTION: Y-Y (4.00)



SECTION: W-W (4.00)

F
E
D
C
B
A

F
E
D
C
B
A

				D		SEE SHEET 1	DIMENSIONS SHOWN (METRIC) INCH		REVISE ONLY ON CAD SYSTEM																			
				B		SEE SHEET 1	UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		TITLE SALES ASSY, HDM BACKPLANE POWER MODULE (PRESS FIT)																			
				A		SEE SHEET 1	<table><tr><th colspan="2">INCH</th><th colspan="2">METRIC</th></tr><tr><td>3 PLACE</td><td>± N/A</td><td colspan="2">---</td></tr><tr><td>2 PLACE</td><td>± N/A</td><td colspan="2">± ---</td></tr><tr><td>1 PLACE</td><td>---</td><td colspan="2">± ---</td></tr></table>		INCH		METRIC		3 PLACE	± N/A	---		2 PLACE	± N/A	± ---		1 PLACE	---	± ---		MOLEX INCORPORATED LISLE, ILL. 60532 U.S.A.			
INCH		METRIC																										
3 PLACE	± N/A	---																										
2 PLACE	± N/A	± ---																										
1 PLACE	---	± ---																										
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 2		DATE 98/05/21																	
							<table><tr><td>DRWG. BY</td><td>ELO</td><td>CHK'D. BY</td><td>SMR</td></tr><tr><td>APP'D. BY</td><td>CAB</td><td>SCALE</td><td>2 : 1</td></tr></table>		DRWG. BY	ELO	CHK'D. BY	SMR	APP'D. BY	CAB	SCALE	2 : 1	PART NO. SEE CHART		DRWG. NO. SDA-73656-**00*									
DRWG. BY	ELO	CHK'D. BY	SMR																									
APP'D. BY	CAB	SCALE	2 : 1																									
LTR.		REVISIONS		LTR.		REVISIONS		FILE NAME S73656X2 DGN		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		DIV. DA		SIZE B														

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С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru

www.lifeelectronics.ru