

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0877057911](#)
Status: **Active**
Description: 1.00mm (.039") Pitch DDR-II DIMM 240 Circuits Socket, Vertical, 1.8 Voltage, 2.54mm (.100") Tail Length, Black Latches, Nylon 4/6 Glass-filled, Black Housing, Gold (Au) Flash, with Plastic Peg, Lead Free



Series

image - Reference only

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-87705-801 \(PDF\)](#)
[Product Specification PS-87705-802 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Memory Module Sockets
Series [87705](#)
Comments Black Latches
Component Type Socket
JEDEC Outline MO-237
Product Name DDR2 DIMM

Physical

Circuits (Loaded) 240
Durability (mating cycles max) 25
Entry Angle Vertical (Top Entry)
Flammability 94V-0
Keying to Mating Part Yes
Material - Plating Mating Gold
PC Tail Length (in) 0.100 In
PC Tail Length (mm) 2.54 mm
PCB Retention Yes
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 mm
Packaging Type Tray
Pitch - Mating Interface (in) 0.039 In
Pitch - Mating Interface (mm) 1.00 mm
Temperature Range - Operating -10°C to +85°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 0.5A
Voltage - Maximum 30V
Voltage Key 1.8V, Center

Material Info

Reference - Drawing Numbers

Product Specification PS-87705-801, PS-87705-802
Sales Drawing SD-87705-802

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

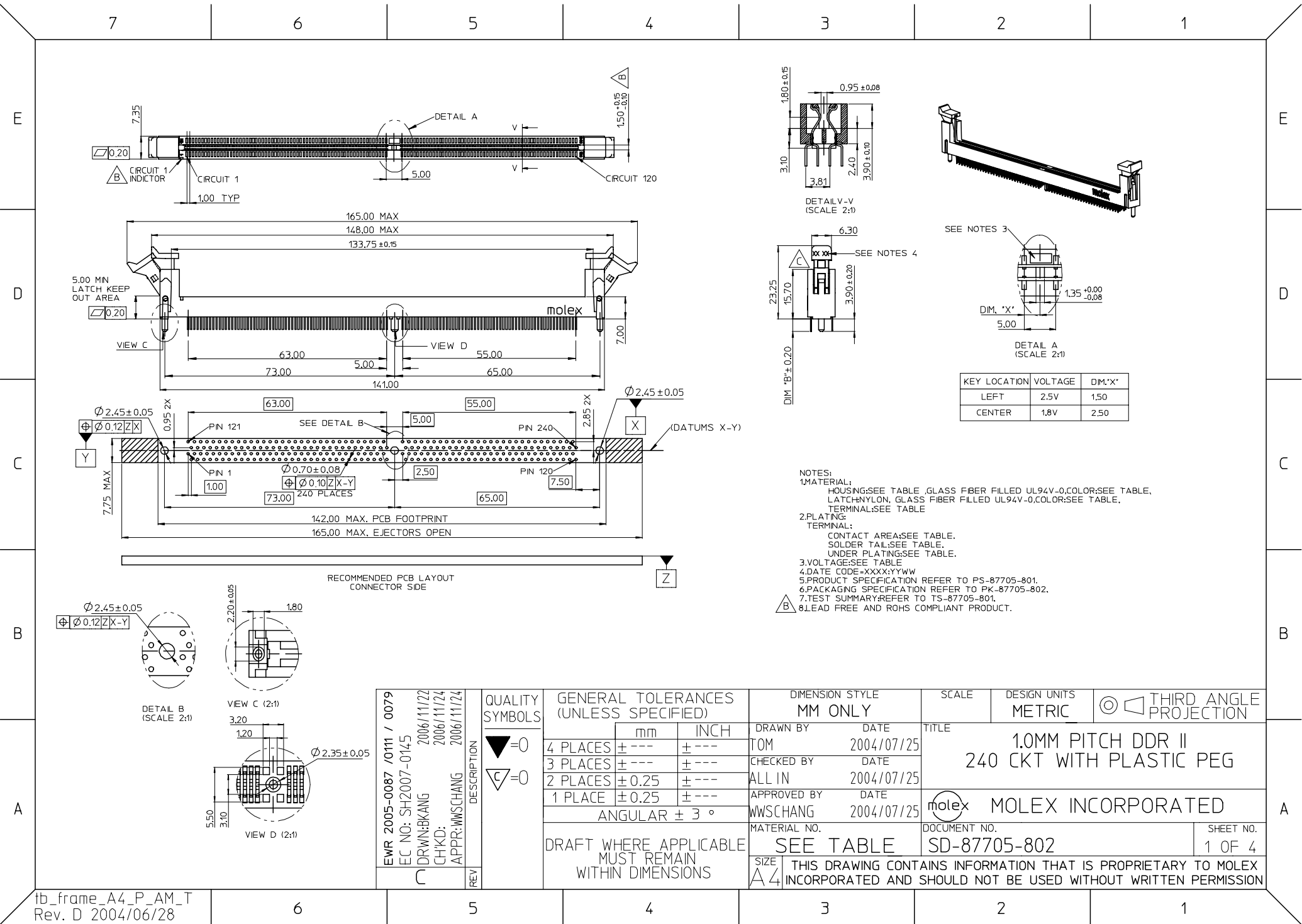
Please visit the [Contact Us](#) section for any
non-product compliance questions.

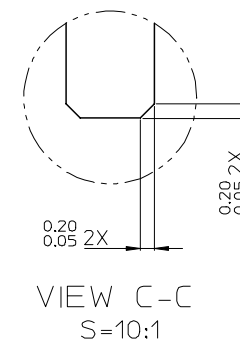
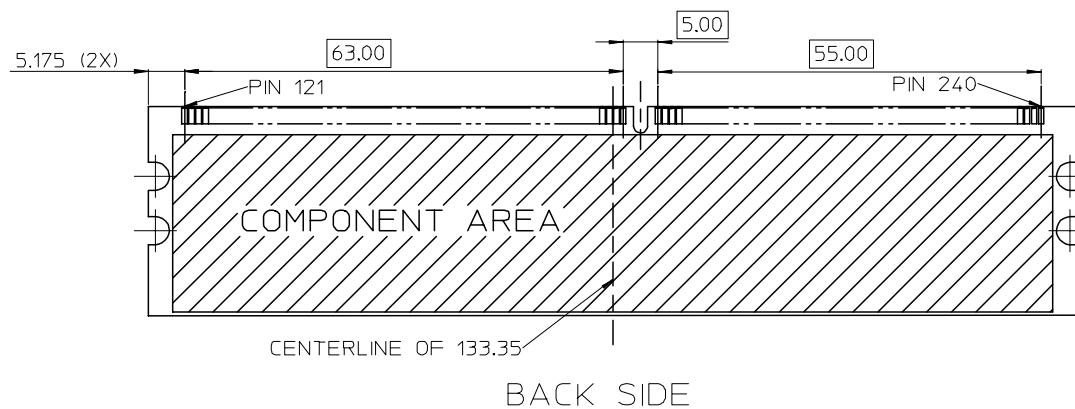
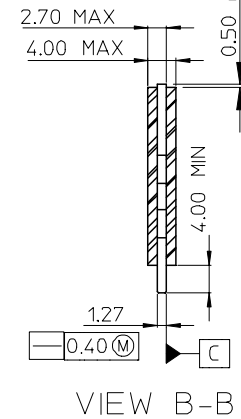
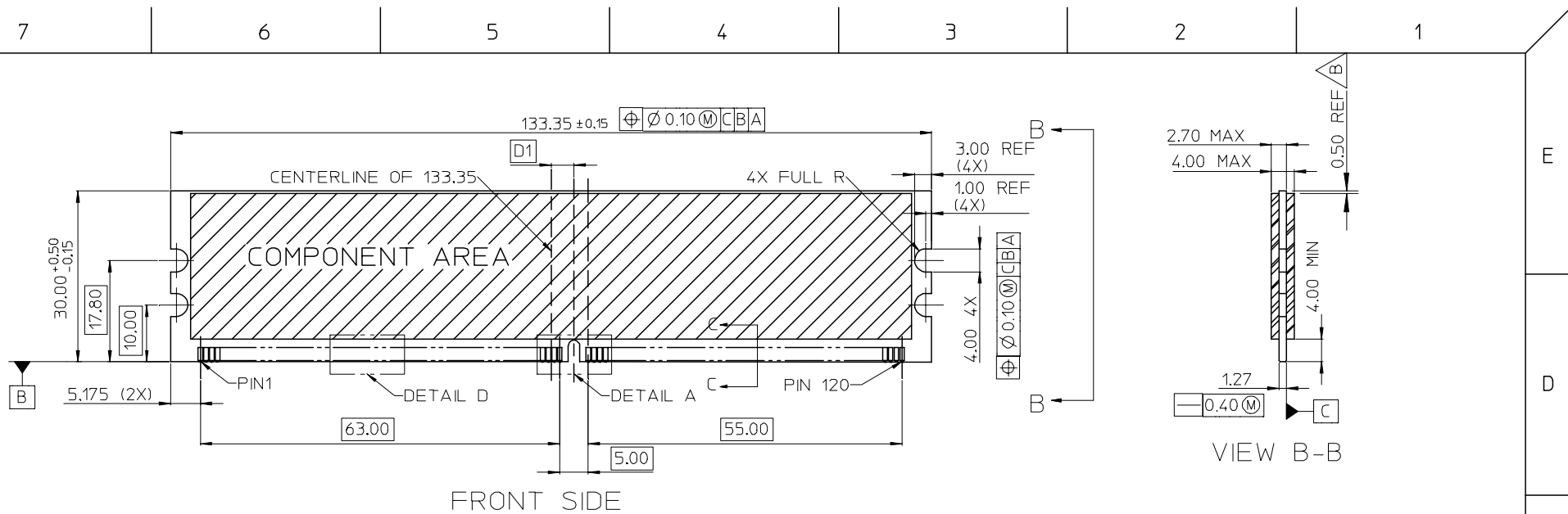
Search Parts in this Series

[87705Series](#)

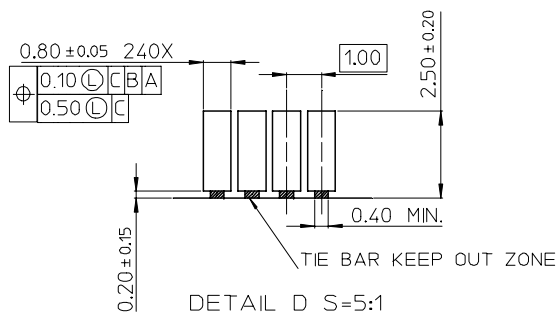
Mates With

JEDEC standard 1.27mm modules



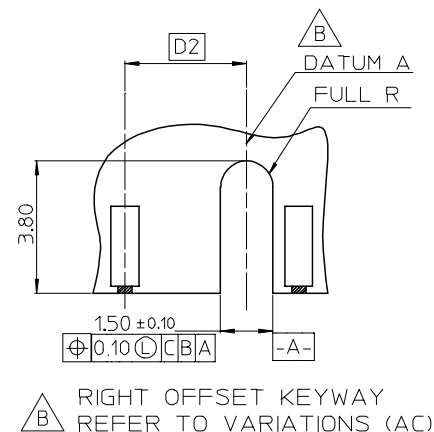
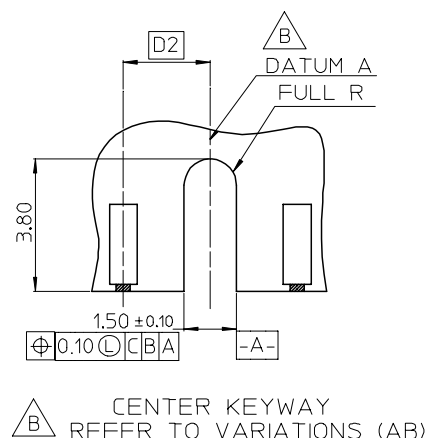
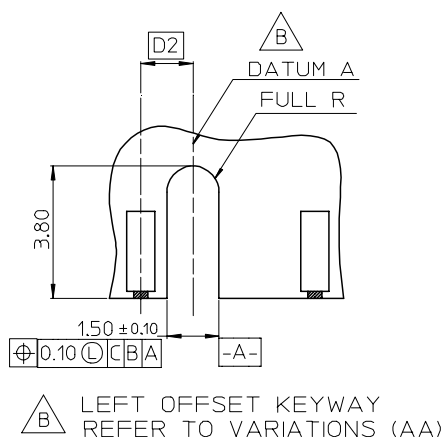


QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY		1:1	METRIC		
				mm	INCH	DRAWN BY		DATE	
				4 PLACES	± ---	TOM		2004/07/25	
				3 PLACES	± ---	CHECKED BY		DATE	
				2 PLACES	± 0.25	ALL IN		2004/07/25	
				1 PLACE	± 0.25	APPROVED BY		DATE	
				ANGULAR ± 3 °		WWSCHANG		2004/07/25	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.	
						SEE TABLE		SD-87705-802	
						SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
						A4			



VAR VARIATIONS

VAR SYMBOL	AA	AB	AC
D1	3.00 BASIC	4.00 BASIC	5.00 BASIC
D2	1.50 BASIC	2.50 BASIC	3.50 BASIC



THIS DESIGN IS BASED ON DESIGN OBJECTIVES
AND IS STRICTLY TENTATIVE. IT MAY CHANGE
BASED ON RESULTS OF ADDITIONS DESIGN
REVIEWS AND VERIFICATIONS

DETAIL A S=5:1 CENTER KEY ZONE

SEE SHEET 1		EC NO: SH2007-0145		2006/11/22		2006/11/24		2006/11/24		2006/11/24	
DRWN: BKANG		CHKD:		APPR: WWSCHANG		WWSCHANG		WWSCHANG		WWSCHANG	
REV		DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	
				DESIGN UNITS METRIC		THIRD ANGLE PROJECTION					
				mm		INCH		DRAWN BY		DATE	
				4 PLACES		± ---		± ---		TOM 2004/07/25	
				3 PLACES		± ---		± ---		CHECKED BY	
				2 PLACES		± 0.25		± ---		DATE	
				1 PLACE		± 0.25		± ---		ALL IN 2004/07/25	
						ANGULAR ± 3 °		APPROVED BY		DATE	
								WWSCHANG		2004/07/25	
								MATERIAL NO.		DOCUMENT NO.	
								SEE TABLE		SD-87705-802	
								SIZE		SHEET NO.	
								A4		3 OF 4	
								THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

MOLEX P/N	HOUSING MATERIAL	HOUSING COLOR	LATCH COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDERTAIL PLATING	SOLDERTAIL LENGTH "B"	VOLTAGE
87705-7906	NYLON66	BLACK	WHITE	PHOSPHOR BROZNE	GOLD FLASH	100 MIRCOINCH MINIMUM TIN OVER, 50 MICROINCH NICKEL OVERALL	2.54	1.8
87705-7907			BLACK				2.54	
87705-7908			WHITE				3.00	
87705-7909			BLACK				3.00	
87705-7910	NYLON46	BLACK	WHITE	PHOSPHOR BROZNE	GOLD FLASH	100 MIRCOINCH MINIMUM TIN OVER, 50 MICROINCH NICKEL OVERALL	2.54	1.8
87705-7911			BLACK				2.54	
87705-7912			WHITE				3.00	
87705-7913			BLACK				3.00	

SEE SHEET 1	EC NO: SH2007-0145	DRAWN: BKANG	CHKD: 2006/11/24	APPR: WWSCHANG	2006/11/24	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
							 =0  =0		mm	INCH	DRAWN BY	DATE	TITLE	1.0MM PITCH DDR II 240 CKT WITH PLASTIC PEG	
								4 PLACES	± ---	± ---	TOM	2004/07/25			
								3 PLACES	± ---	± ---	CHECKED BY	DATE			
								2 PLACES	± 0.25	± ---	ALL IN	2004/07/25			
1 PLACE	± 0.25	± ---	APPROVED BY	DATE	 MOLEX INCORPORATED										
ANGULAR ± 3 °		WWSCHANG	2004/07/25												
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	SEE TABLE		DOCUMENT NO.	SD-87705-802		SHEET NO.	4 OF 4
								SIZE A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						