

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0877057903](#)
Status: **Active**
Description: 1.00mm (.039") Pitch DDR-II DIMM 240 Circuits Socket, Vertical, 1.8 Voltage, 2.54mm (.100") Tail Length, White Latches, Nylon 4/6 Glass-filled, Black Housing, Gold (Au) Flash, Beveled Metal Pins Width 2.55mm (.100"), Lead Free

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

Agency Certification

CSA LR19980
UL E29179

General

Product Family Memory Module Sockets
Series [87705](#)
Comments White Latches Insertion Force: 10Kg (98N)
Max. Beveled Metal Pin Width: 2.55mm (.100")
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
Material - Plating Termination Tin
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

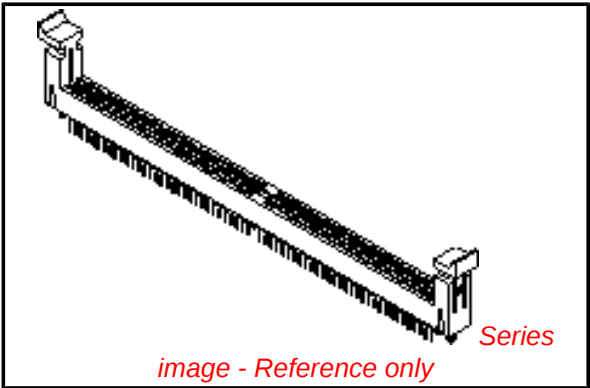
Electrical

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

Material Info

Reference - Drawing Numbers

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



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Not Reviewed
**Halogen-Free
Status**

China RoHS



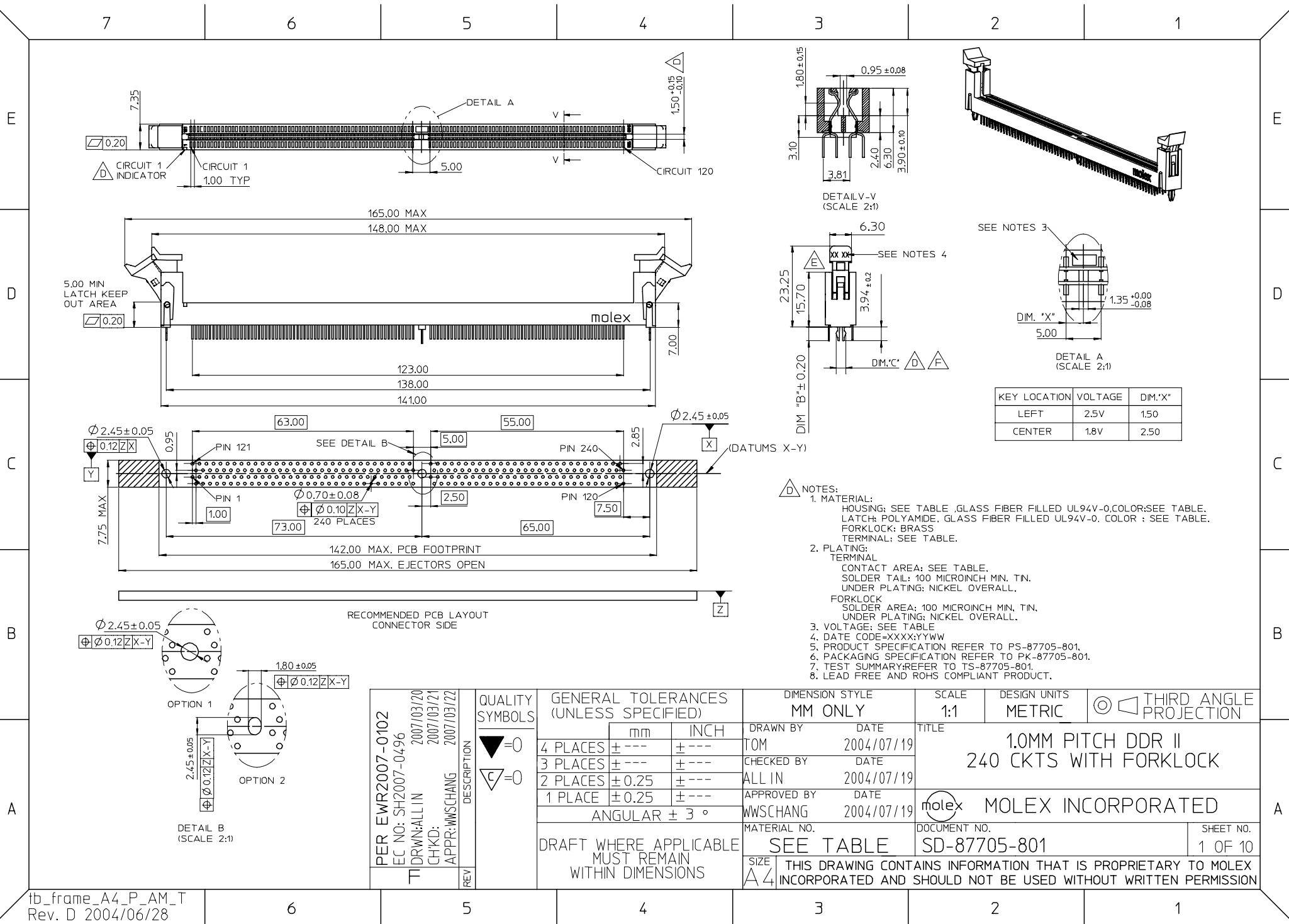
**Need more information on product
environmental compliance?**

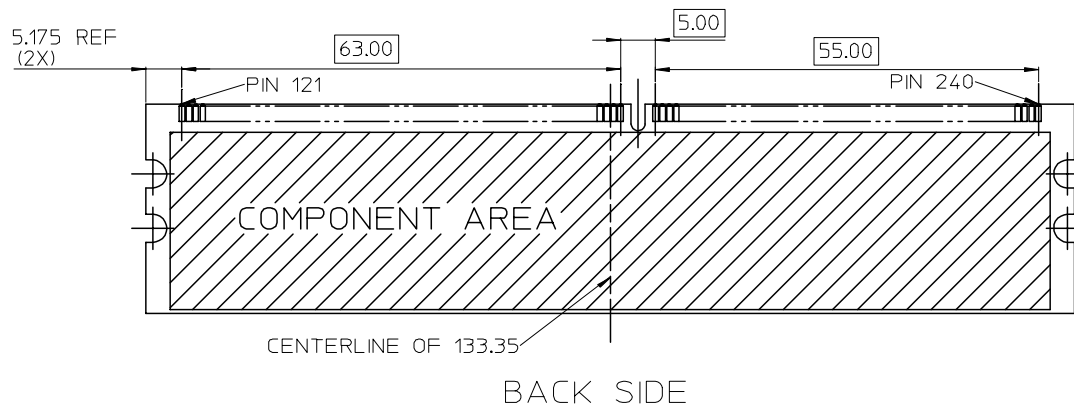
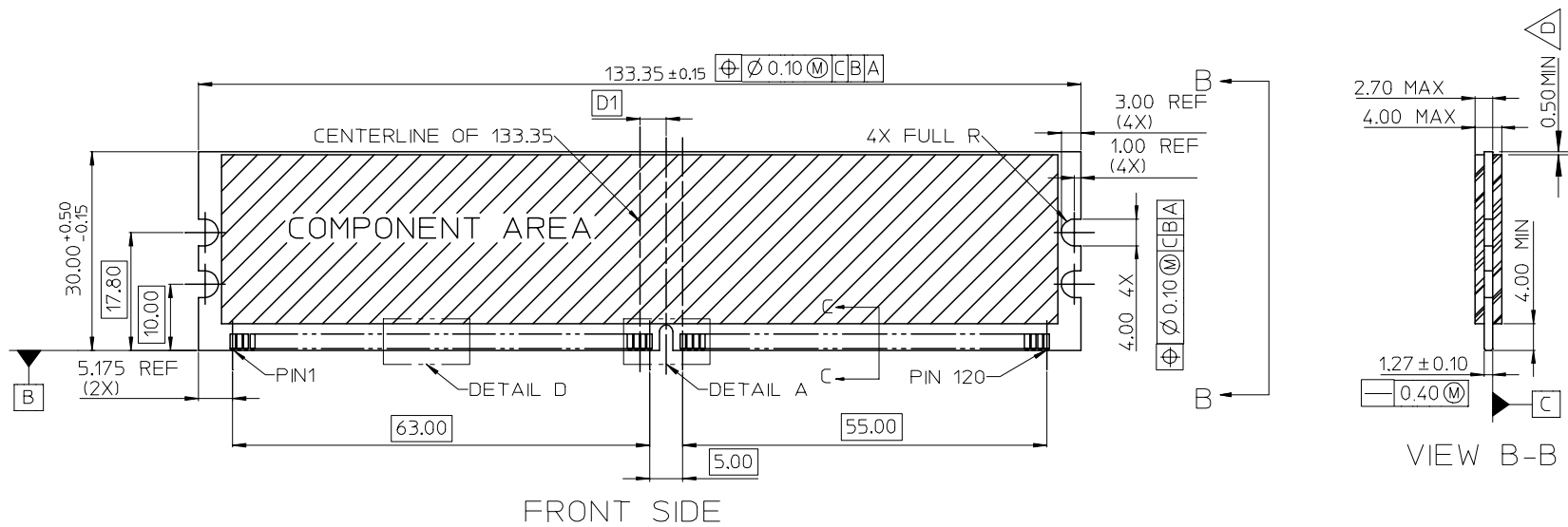
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

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

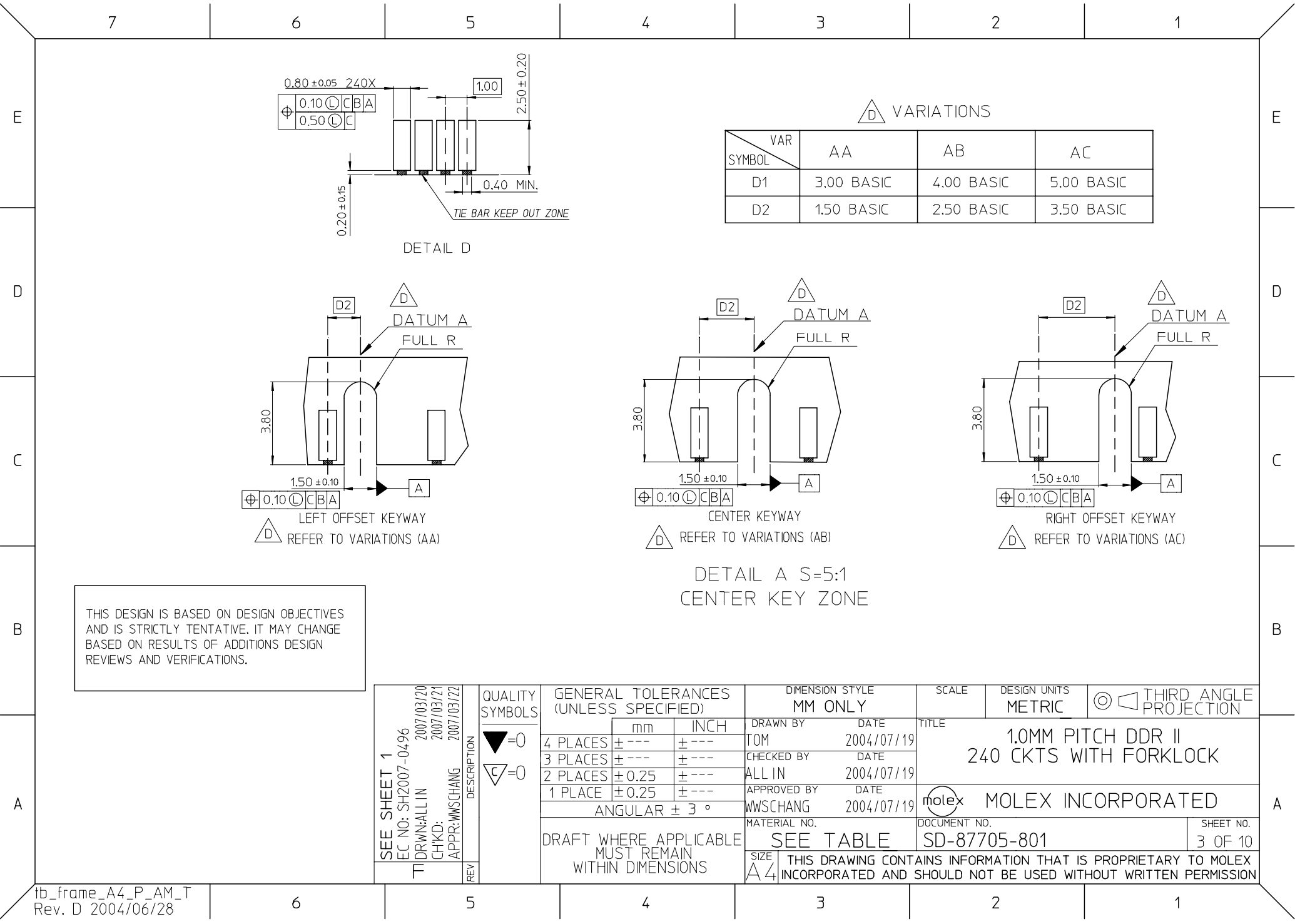
Search Parts in this Series
[87705Series](#)

Mates With
JEDEC standard 1.27mm modules





SEE SHEET 1 EC NO: SH2007-0496 TDRWN: ALL IN CHKD: APPR: WWSCHANG	2007/03/20 2007/03/21 2007/03/22	DESCRIPTION REV	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 TOM	DATE 2004/07/19	TITLE 1.0MM PITCH DDR II 240 CKTS WITH FORKLOCK			
				4 PLACES	± ---	± ---	CHECKED BY ALL IN	DATE 2004/07/19				
				3 PLACES	± ---	± ---	APPROVED BY WWSCHANG	DATE 2004/07/19	molex MOLEX INCORPORATED			
				2 PLACES	± 0.25	± ---	MATERIAL NO. SEE TABLE					
				1 PLACE	± 0.25	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
				ANGULAR ± 3 °								
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								



7		6		5		4		3		2		1	
E <													

	7	6	5	4	3	2	1		
E									E
D									D
C									C
B									B
A									A

MOLEX P/N	HOUSING MATERIAL	HOUSING COLOR	LATCH COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDERTAIL LENGTH "B"	FORKLOCK WIDTH "C"	VOLTAGE
87705-7300	NYLON66	BLACK	WHITE	BRASS	GOLD FLASH	2.54	D F 2.70^{+0.10}_{-0.05}	2.5
87705-7301					10 MICROINCH GOLD			
87705-7302					15 MICROINCH GOLD			
87705-7303					GOLD FLASH			
87705-7304					10 MICROINCH GOLD			
87705-7305					15 MICROINCH GOLD			
87705-7310		WHITE			GOLD FLASH	2.54		
87705-7311					10 MICROINCH GOLD			
87705-7312					15 MICROINCH GOLD			
87705-7313					GOLD FLASH			
87705-7314					10 MICROINCH GOLD			
87705-7315					15 MICROINCH GOLD			
87705-7320		BLUE (287U)			GOLD FLASH	2.54		
87705-7321					10 MICROINCH GOLD			
87705-7322					15 MICROINCH GOLD			
87705-7323					GOLD FLASH			
87705-7324					10 MICROINCH GOLD			
87705-7325					15 MICROINCH GOLD			
87705-7330		D GREEN (348C)			GOLD FLASH	2.54		
87705-7331					10 MICROINCH GOLD			
87705-7332					15 MICROINCH GOLD			
87705-7333					GOLD FLASH			
87705-7334					10 MICROINCH GOLD			
87705-7335					15 MICROINCH GOLD			
87705-7340		D PURPLE (2736U)			GOLD FLASH	2.54		
87705-7341					10 MICROINCH GOLD			
87705-7342					15 MICROINCH GOLD			
87705-7343					GOLD FLASH			
87705-7344					10 MICROINCH GOLD			
87705-7345					15 MICROINCH GOLD			
SEE SHEET 1								
EC NO: SH2007-0496								
TH								
DRWN:ALL IN								
CHKD:								
APPR:WWSCHANG								
REV								
DESCRIPTION								
QUALITY SYMBOLS								
▽=0								
▽=0								
GENERAL TOLERANCES (UNLESS SPECIFIED)								
mm								
INCH								
4 PLACES ± --- ± ---								
3 PLACES ± --- ± ---								
2 PLACES ± 0.25 ± ---								
1 PLACE ± 0.25 ± ---								
ANGULAR ± 3 °								
DRAFT WHERE APPLICABLE								
MUST REMAIN								
WITHIN DIMENSIONS								
DIMENSION STYLE								
MM ONLY								
DRAWN BY								
DATE								
TOM								
2004/07/19								
CHECKED BY								
DATE								
ALL IN								
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APPROVED BY								
DATE								
WWSCHANG								
2004/07/19								
MATERIAL NO.								
SEE TABLE								
SIZE								
A4								
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

ib_frame_A4_P_AM_T Rev. D 2004/06/28	6	5	4	3	2	1
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