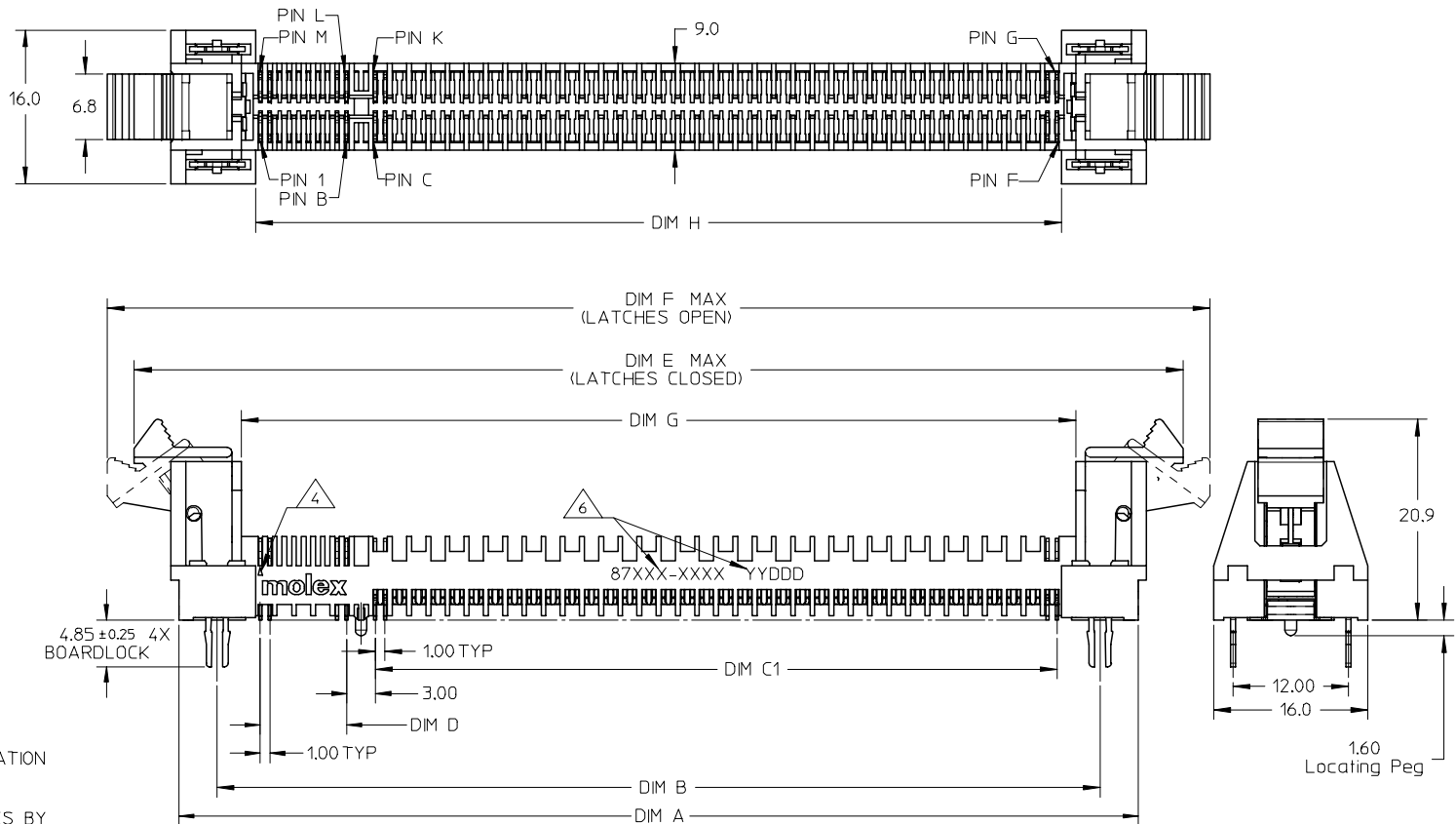
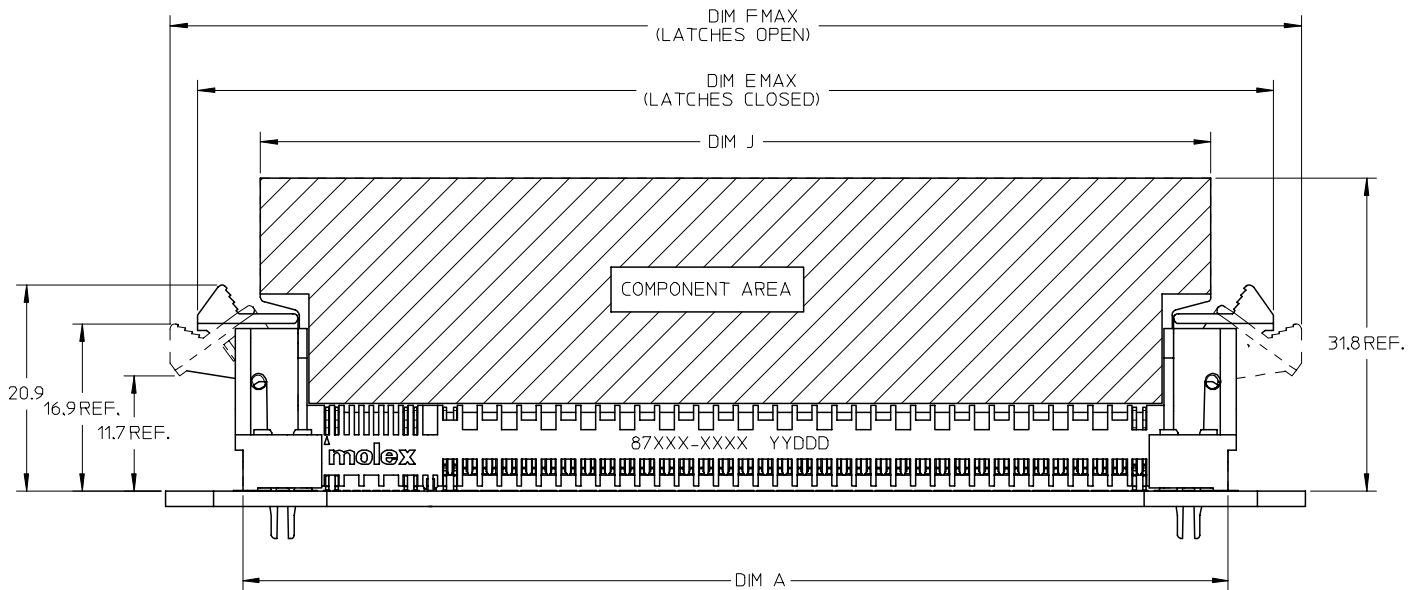


- NOTES:
1. MATERIAL :
HOUSING: LCP, GLASS FILLED,
UL94V-0, COLOR: BLACK
LATCHES: NYLON 46, GLASS FILLED,
UL94V-0, COLOR: BEIGE
CONTACTS, FORKLOCK & FITTING NAIL:
COPPER ALLOY
2. FINISH:
CONTACTS : 0.76um(30u") MIN GOLD OVER
1.27um (50u") MIN NICKEL
SMT TAIL : 3.81um (150u") MIN TIN OVER
1.27um (50u") MIN NICKEL
3. THIS DRAWING IS BASED UPON PIN CONFIGURATION
OF 20 SIGNALS AND 72 POWER PINS.
- a) THE OVERALL CONNECTOR LENGTH INCREASES BY
1.00MM FOR EVERY ADDITIONAL 2 SIGNAL PINS.
- b) THE OVERALL CONNECTOR LENGTH INCREASES BY
2.00MM FOR EVERY ADDITIONAL 2 POWER PINS.
4.  MOLDED-PIN #1 INDICATOR
5. FORKLOCK IS TO BE SOLDERED ONTO PCB.
6.  PART NUMBER AND DATE CODE (YYDDD) TO BE
LASER MARKED ONTO HOUSING.
7. UNLESS SPECIFIED OTHERWISE, ALL DIMENSIONS
ARE FOR REFERENCE PURPOSES ONLY.
8. SPECIFICATIONS:
PRODUCT SPECIFICATION: PS-87786-008.



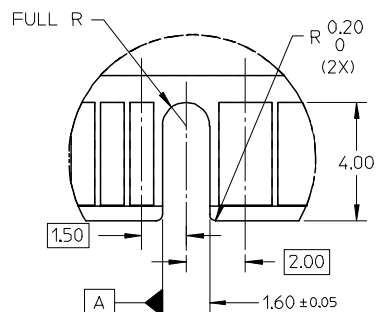
OBS. TIN/LEAD P/N EC NO: S2006-0791 DRWN:MLG CHKD:CGH APPR:PTL IM 2006/03/30 2006/03/30 2006/03/30	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY KMG0H	DATE 2003/02/25	TITLE LOW PROFILE VRM SOCKET W/LATCH, SMT			
			4 PLACES	± ---	± ---	CHECKED BY	DATE				
			3 PLACES	± ---	± ---	BHLOW	2003/03/05				
			2 PLACES	± 0.13	± ---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED			
			1 PLACE	± 0.25	± ---	PTL IM	2003/03/05				
ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87786-001		1 OF 4					
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



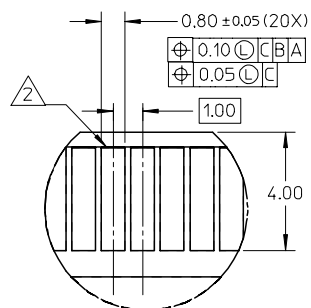
OBS TIN/LEAD P/N EC NO: S2006-0791 DRWN:MLONG 2006/03/30 CHKD:CGOH 2006/03/30 APPR:PTL IM 2006/03/30	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
							DRAWN BY KMG0H	DATE 2003/02/25		TITLE LOW PROFILE VRM SOCKET W/LATCH, SMT	
							CHECKED BY BHLOW	DATE 2003/03/05			
							APPROVED BY PTL IM	DATE 2003/03/05			MOLEX INCORPORATED
			4 PLACES ± ---		mm		MOLEX INCORPORATED				
			3 PLACES ± ---		INCH						
			2 PLACES ± 0.13								
			1 PLACE ± 0.25								
			ANGULAR ± 3 °								
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.			SHEET NO.	
		SEE TABLE		SD-87786-001			2 OF 4				
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

NOTES:

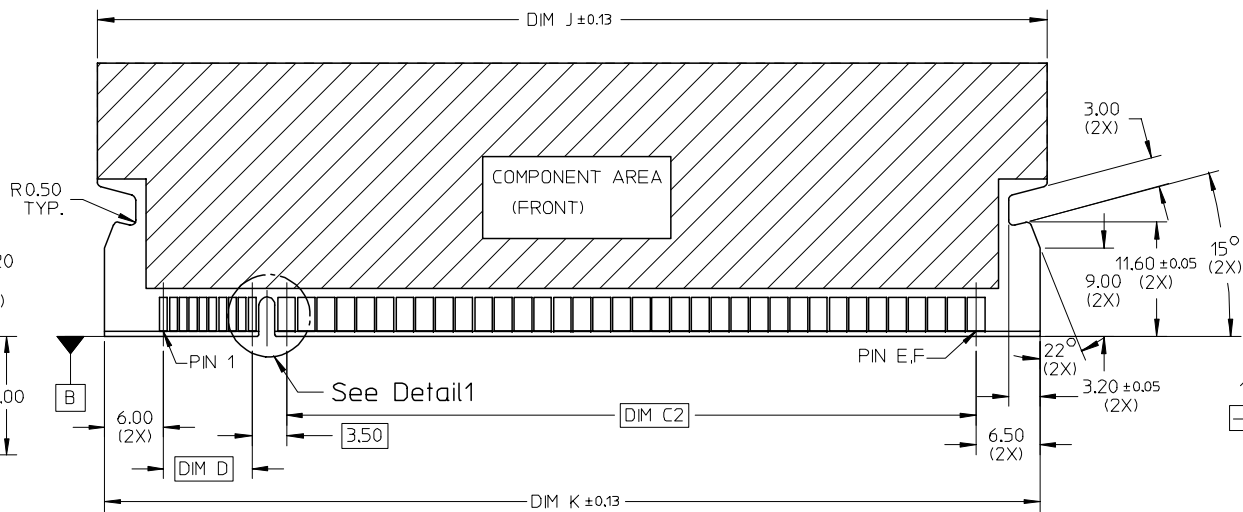
1. OPPOSING POWER PADS MUST BE OF THE SAME POLARITY.
- APPLICATION NOTE:
EDGE OF CONTACT PADS SHALL BE FREE OF BURRS AND EXTERNAL TIE BARS.



Detail1

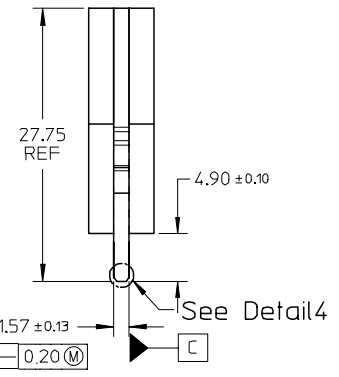
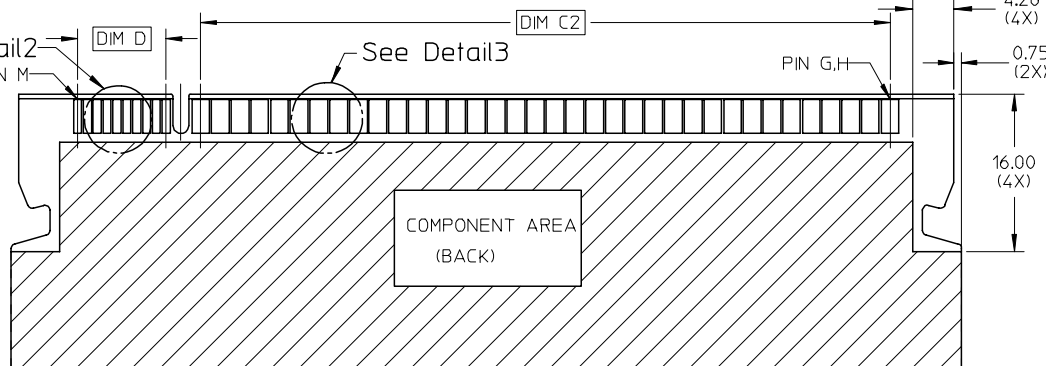


Detail2

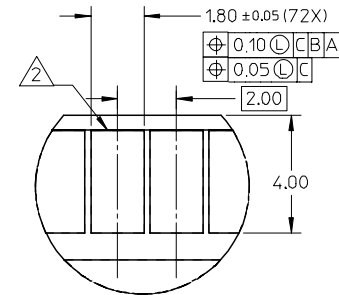


See Detail2

See Detail3



Detail4

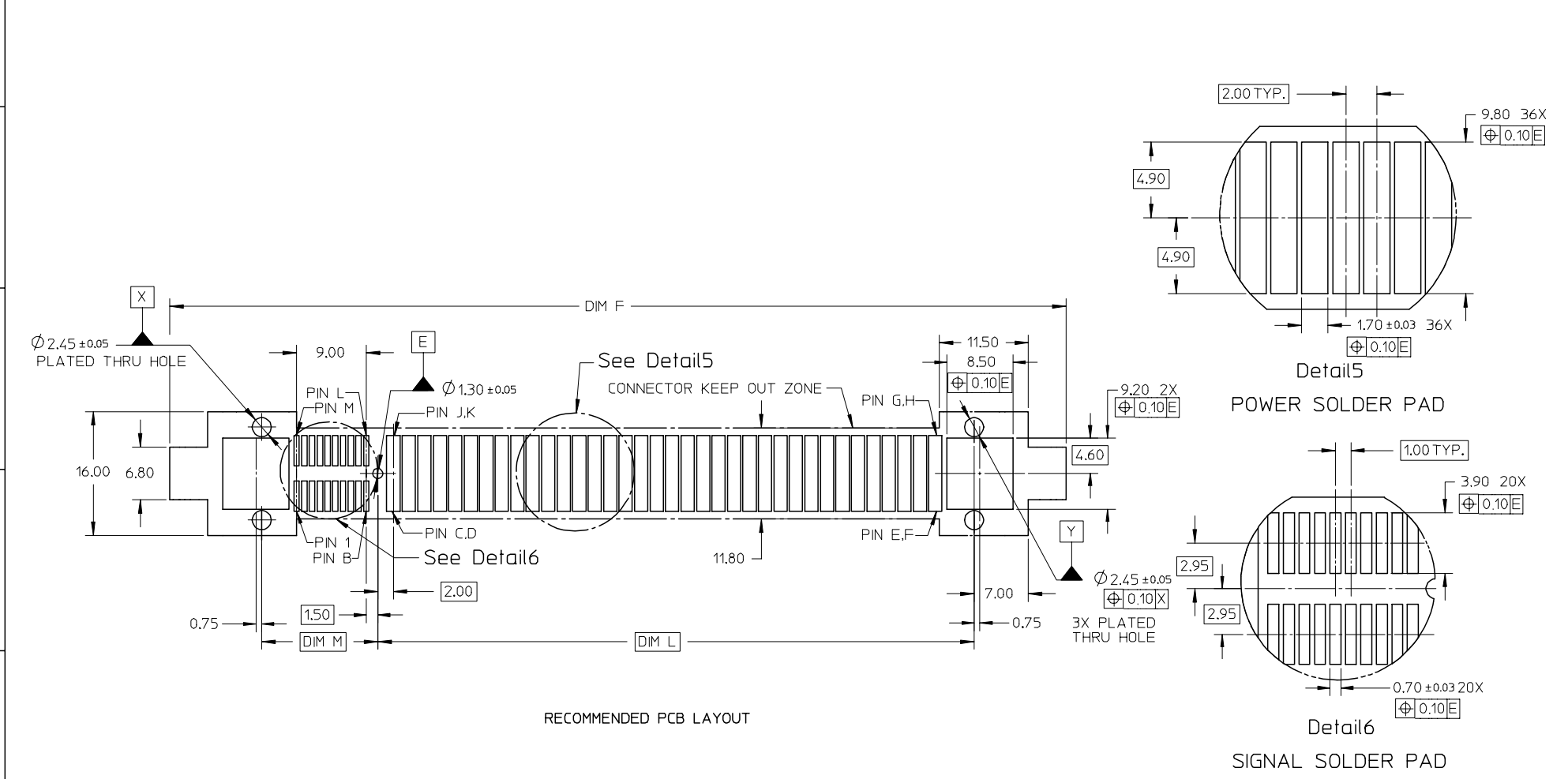


Detail3

RECOMMENDED MODULE OUTLINE

OBS	TIN/LEAD P/N	EC NO: S2006-0791	DRWN:MLG	2006/03/30	CHKD:CGH	2006/03/30	APPR:PTL IM	2006/03/30	REV	DESCRIPTION	QUALITY SYMBOLS	▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		TITLE	LOW PROFILE VRM SOCKET W/LATCH, SMT	MOLEX INCORPORATED	DOCUMENT NO.	SD-87786-001	SHEET NO.	3 OF 4
															MM ONLY		NTS	METRIC									
															DRAWN BY		DATE										
															CHECKED BY		DATE										
															APPROVED BY		DATE										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													PTL IM		2003/03/05												
													ANGULAR ± 3 °														
													SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												

10		9		8		7		6		5		4		3		2		1																				
PART NUMBER	TYPE	SIGNAL	POWER	PLATING OPTION	DIM A	DIM B	DIM C1	DIM C2	DIM D	DIM E	DIM F	DIM G	DIM H	DIM J	DIM K	DIM L	DIM M	PIN NUMBER CONFIGURATION																				
87786-1002	VRM10	20	72	TIN	100.00	92.00	71.00	70.00	9.00	110.50	116.80	87.00	84.00	96.50	95.00	77.00	15.00	B	C	D	E	F	G	H	J	K	L	M										
87786-1011	VRM11	24	70	TIN	100.00	92.00	69.00	68.00	11.00	110.50	116.80	87.00	84.00	96.50	95.00	75.00	17.00	10	11	12	81	82	83	84	153	154	155	164										



OBS TIN/LEAD P/N EC NO: S2006-0791 DRWN:MLNG CHKD:CGOH APPR:PTLIM	REV C	DESCRIPTION 2006/03/30 2006/03/30 2006/03/30	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY KMG0H	DATE 2003/02/25	TITLE LOW PROFILE VRM SOCKET W/LATCH, SMT		
				4 PLACES	± ---	± ---	CHECKED BY BHL0W	DATE 2003/03/05			
				3 PLACES	± ---	± ---	APPROVED BY PTLIM	DATE 2003/03/05	MOLEX INCORPORATED		
				2 PLACES	± 0.13	± ---	MATERIAL NO.				
				1 PLACE	± 0.25	± ---	SEE TABLE		SD-87786-001	4 OF 4	
				ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			