

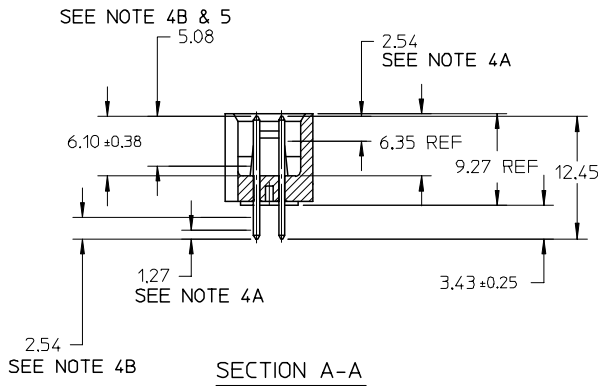
ASSEMBLY P/N	CKT SIZE	DIM A	DIM B	DIM C
87834-0419	04	2.54	12.70	10.16
87834-0619	06	5.08	15.24	12.70
87834-0819	08	7.62	17.78	15.24
87834-1019	10	10.16	20.32	17.78
87834-1219	12	12.70	22.86	20.32
87834-1419	14	15.24	25.40	22.86
87834-1619	16	17.78	27.94	25.40
87834-2019	20	22.86	33.02	30.48
87834-2419	24	27.94	38.10	35.56
87834-2619	26	30.48	40.64	38.10
87834-3019	30	35.56	45.72	43.18
87834-3419	34	40.64	50.80	48.26
87834-4019	40	48.26	58.42	55.88
87834-4419	44	53.34	63.50	60.96
87834-5019	50	60.96	71.12	68.58
87834-5619	56	68.58	78.74	76.20
87834-6019	60	73.66	83.82	81.28
87834-6419	64	78.74	88.90	86.36
87834-7219	72	88.90	99.06	96.52

**PART NUMBER LEGEND**

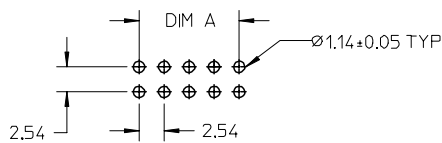
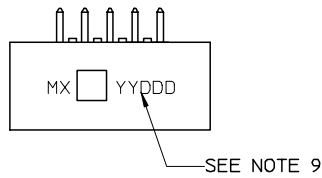
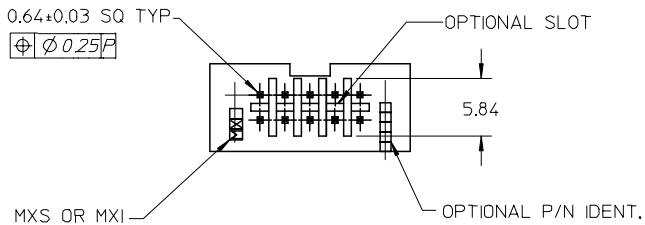
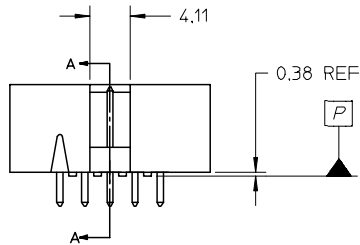
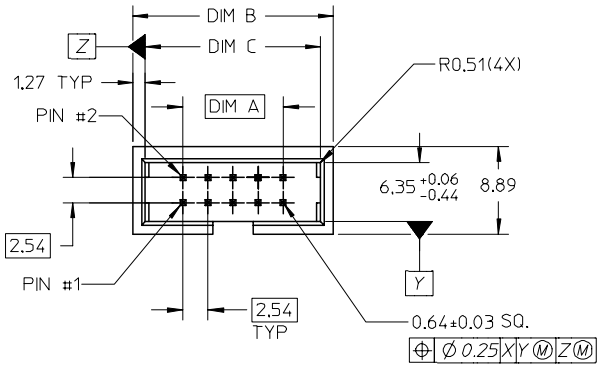
87834 - \* \* \* 1 9  
 CKT SIZES

**NOTES :**

- MATERIAL :  
 HOUSING : POLYESTER (PBT), UL94V-0, COLOR: BLACK,  
 PIN : COPPER ALLOY.
- PIN PUSHOUT FORCE 0.91 KG MIN.
- PRODUCT SPECIFICATION PS-70246-100 APPLIES.
- WAFER TO BE FLAT WITHIN 0.03MM/CM
- DIMENSIONS FOR PLATING LOCATIONS : A - MEASURE POINT FOR THICKNESS.  
 B - MINIMUM COVERAGE.
- GOLD END OF PIN UNLESS OVERALL PLATED.
- FINISH :  
 0.13um MIN. GOLD IN CONTACT AREA,  
 AND 1.9um MIN. TIN IN SOLDER AREA,  
 BOTH OVER 1.27um MIN. NICKEL OVERALL.
- FOR ILLUSTRATION PURPOSE A 10 CKT IS SHOWN.
- OPTIONAL LOCATION FOR MANUFACTURER/YEAR/DAY MARKING IF REQUIRED BY CUSTOMER



**SECTION A-A**



**RECOMMENDED PCB PATTERN**

HSG LASER MARKING	2005/01/26	2005/01/27
EC NO: S2005-0536	2005/01/26	2005/01/27
DRWN: LQIAO	2005/01/26	2005/01/27
CHKD: PTLIM	2005/01/26	2005/01/27
APPR: SCLLO	2005/01/27	

QUALITY SYMBOLS	DESCRIPTION
▽=0	
▽=0	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm INCH
4 PLACES	± --- ± ---
3 PLACES	± --- ± ---
2 PLACES	± 0.20 ± ---
1 PLACE	± --- ± ---
ANGULAR ± 3 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
RSHAN	2003/11/20
CHECKED BY	DATE
KCL ING	2003/12/05
APPROVED BY	DATE
SKTOH	2003/12/06
MATERIAL NO.	
SEE TABLE	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
NTS	METRIC	
TITLE		
C-GRID, SHROUDED WAFER WINDOW, W/O END SLOTS & POLARIZATION PEGS		
MOLEX INCORPORATED		
DOCUMENT NO.	SHEET NO.	
SD-87834-025	1 OF 1	
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