



P/N IN TUBE	CKT SIZE	VOID PIN	DIMENSION						
			A	B	C	D	E	F	(G)
87831-04**	4	-	2.00	4.85	6.65	5.00	1.00	2.50	
87831-06**	6	-	4.00	6.85	8.65	7.00	2.00	2.50	
87831-08**	8	-	6.00	8.85	10.65	9.00	3.00	2.50	
87831-10**	10	-	8.00	10.85	12.65	11.00	4.00	2.50	
87831-12**	12	-	10.00	12.85	14.65	13.00	5.00	2.50	
87831-51**	4	-	2.00	4.85	6.65	5.00	1.00	3.50	
87831-52**	6	-	4.00	6.85	8.65	7.00	2.00	3.50	
87831-53**	12	1	10.00	12.85	14.65	13.00	5.00	2.50	
87831-54**	8	-	6.00	8.85	10.65	9.00	3.00	3.50	
87831-55**	8	-	6.00	8.85	10.65	9.00	3.00	2.80	10.65
87831-56**	12	10	10.00	12.85	14.65	13.00	5.00	2.50	
87831-57**	8	-	6.00	8.85	10.65	9.00	3.00	4.70	
87831-61**	4	-	2.00	4.85	6.65	5.00	1.00	2.80	
87831-62**	6	-	4.00	6.85	8.65	7.00	2.00	2.80	

PART NUMBER LEGEND :

87831 - * * * *
 CIRCUIT SIZE (SEE TABLE)

PLATING OPTIONS

- 41 - 0.38um/15uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN.TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
- 42 - 0.76um/30uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN.TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.

NOTES:

- FOR ILLUSTRATION PURPOSES, 8 CIRCUIT SIZE WAFER IS SHOWN.
- MATERIAL : HOUSING : GLASS FILLED, NYLON 46, UL94V-0, COLOR BLACK. PIN : 0.50MM SQ. PHOSPHOR BRONZE.
- PRODUCT SPECIFICATION PS-87831-027 APPLIES.
- CKT 4 & 6 HAS NO IDENTIFICATION TAG.
- THIS HEADER MATES WITH MOLEX :
 - a) CRIMP RECEPTACLE HOUSING, 51110 SERIES WITH CRIMP TERMINAL, 50394 SERIES.
 - b) 2MM MILLIGRID DUAL ROW IDT, 87568 SERIES.
- PARTS TO BE PACKED IN TUBE WITH MOISTURE BARRIER BAG.
- NO CENTRE POLARIZATION SLOT FOR CKT SIZE 4 AND 6

SEE SHT 2 EC NO: S2015-1172 DRW:NAT/SEE CHKD:CGOH APPR:KLL/IM 2015/04/16 2015/04/16 2015/05/22	QUALITY SYMBOLS ▽=0 ◁=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY	DATE	TITLE			
		4 PLACES	± ---	± ---	ATSEE	2003/10/03	MGRID, SHROUDED HEADER VERTICAL, W/LOCK FEATURE			
		3 PLACES	± ---	± ---	CHECKED BY	DATE				
2 PLACES	± 0.2	± ---	KCL/ING	2003/11/07	MOLEX INCORPORATED					
1 PLACE	± ---	± ---	APPROVED BY	DATE						
ANGULAR ± 3 °		SKTOH		2003/11/07	DOCUMENT NO.					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87831-012				SHEET NO.		
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				1 OF 2		

