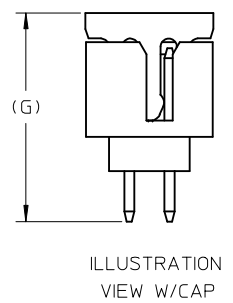
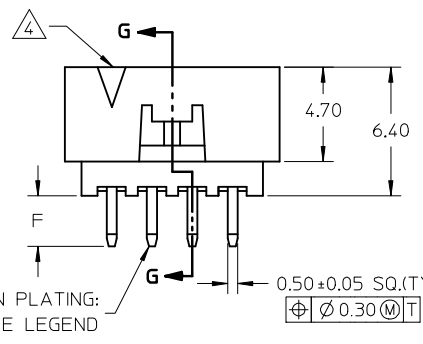


P/N IN TUBE	CKT SIZE	VOID PIN	DIMENSION						
			A	B	C	D	E	F	G
87831-04**	4	-	2.00	4.85	6.65	5.00	1.00	2.50	
87831-06**	6	-	4.00	6.85	8.65	7.00	2.00	2.50	
87831-08**	8	-	6.00	8.85	10.65	9.00	3.00	2.50	
87831-10**	10	-	8.00	10.85	12.65	11.00	4.00	2.50	
87831-12**	12	-	10.00	12.85	14.65	13.00	5.00	2.50	
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 :

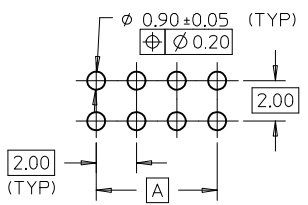
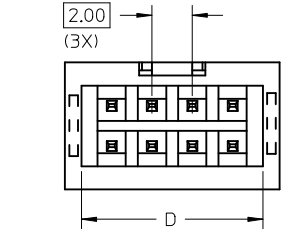
87831 - * * * *
CIRCUIT SIZE (SEE TABLE)

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



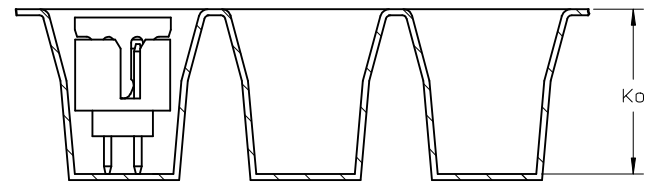
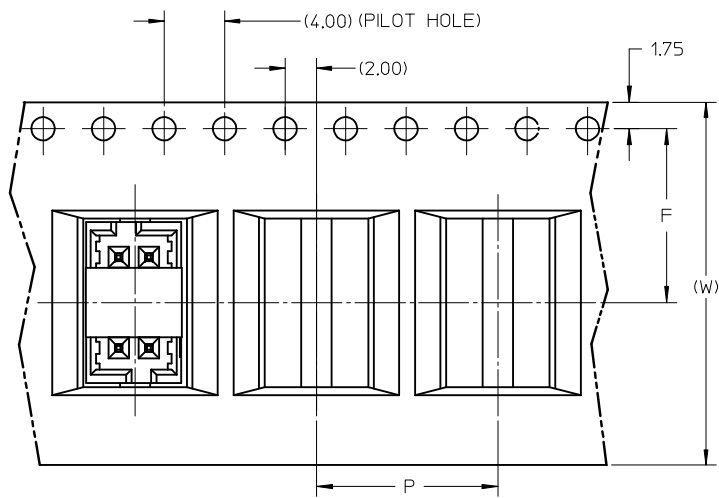
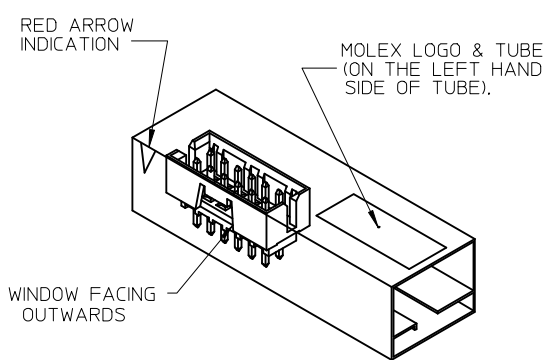
RECOMMENDED PCB PATTERN

UPDATE PKG DETAILS EC NO: S2015-0279 DRWN:ATSEE 2014/09/23 CHKD:FANNYONG 2014/09/30 APPR:BLEE 2014/10/01	QUALITY SYMBOLS ▽=0 ◁=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± ---	mm INCH	DRAWN BY ATSEE	DATE 2003/10/03	TITLE MGRID, SHROUDED HEADER VERTICAL, W/LOCK FEATURE			
		ANGULAR ± 3 °		CHECKED BY KCL ING	DATE 2003/11/07	MOLEX INCORPORATED			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY SKTOH	DATE 2003/11/07	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87831-012	SHEET NO. 1 OF 2	

10	9	8	7	6	5	4	3	2	1			
					ASSY W/CAP IN T&R	P/N IN TUBE	CKT	QTY/ REEL	F	P	Ko	W
					87831-5551	87831-0841	08	300	11.50	16.00	12.00	24

PART IN T&R FOR ILLUSTRATION PURPOSE ONLY

EMBOSSED CARRIER TAPE 'A'



NOTES:

- LEADER AND TRAILER TAPE
160 MIN. TOP TAPE TRAILER 390 MIN TOP TAPE NON BONDED TAPE
160 MIN. 230 MIN. PULL OUT DIRECTION
TAIL PART (EMPTY) LEADER PART (EMPTY)
- PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)
15° MAX. PEEL OFF DIRECTION PULL OUT DIRECTION
- PACKAGING STANDARD IS AS PER EIA-481.

REF : ORIENTATION OF PART IN TUBE
(FOR THE REFERENCE OF PART/TUBE ASSEMBLY)

UPDATE PKG DETAILS EC NO: S2015-0279 DRWN:ATSEE 2014/09/23 CHKD:FANNYONG 2014/09/30 APPR:LBLEE 2014/10/01	QUALITY SYMBOLS F _A =0 F _C =0 F _P =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY ATSEE	DATE 2003/10/03	TITLE MGRID, SHROUDED HEADER VERTICAL, W/LOCK FEATURE	
		4 PLACES	± ---	± ---	CHECKED BY KCL ING	DATE 2003/11/07		
		3 PLACES	± ---	± ---	APPROVED BY SKTOH	DATE 2003/11/07		
			2 PLACES	± 0.2	± ---	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87831-012	SHEET NO. 2 OF 2
			1 PLACE	± ---	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
			0 PLACE	±	±			
			ANGULAR ± 3 °					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					