

F

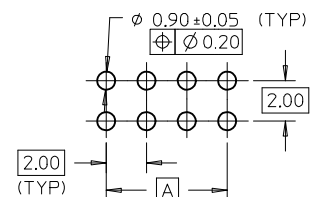
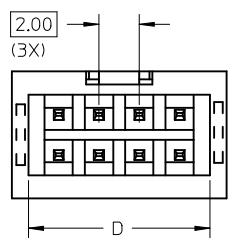
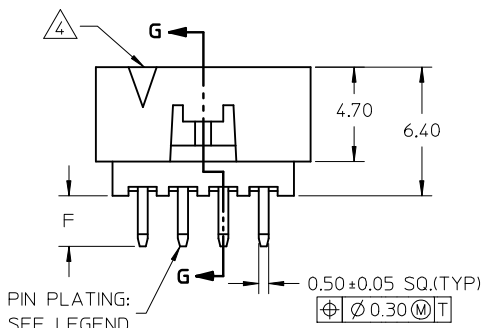
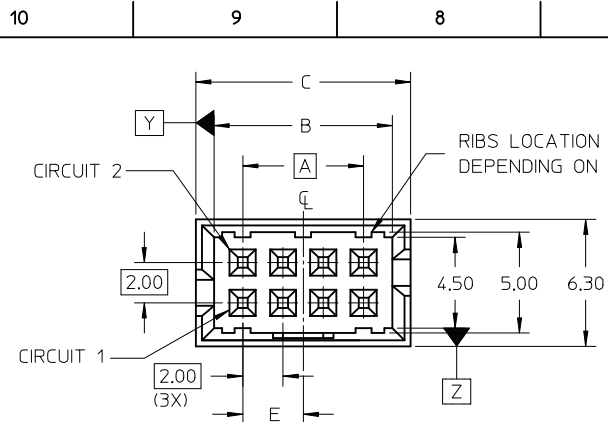
E

D

C

B

A



RECOMMENDED PCB PATTERN

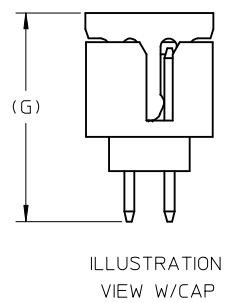
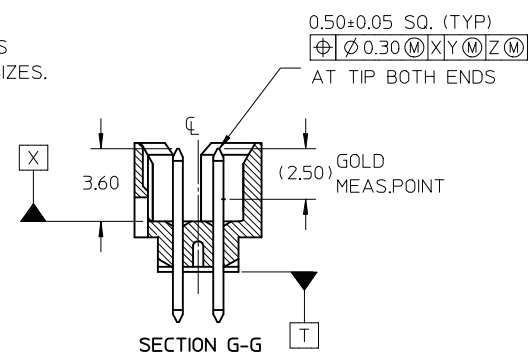


ILLUSTRATION VIEW W/CAP

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:

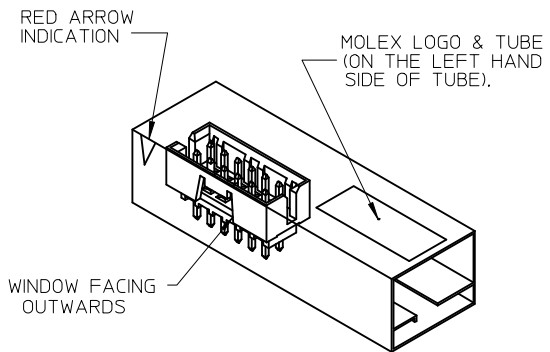
- FOR ILLUSTRATION PURPOSES, 8 CIRCUIT SIZE WAFER IS SHOWN.
- MATERIAL :
HOUSING : GLASS FILLED, NYLON 46, UL94V-0, COLOR BLACK.
PIN : 0.50MM SQ. PHOSPHOR BRONZE.
- PRODUCT SPECIFICATION PS-87831-027 APPLIES.
- CKT 4 & 6 HAS NO IDENTIFICATION TAG.
- THIS HEADER MATES WITH MOLEX :
a) CRIMP RECEPTACLE 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

UPDATE PKG DETAILS		EC NO: S2015-0279		2014/09/23		2014/09/30		2014/10/01	
B1		DRAWN:ATSEE		CHKD:FANNY WONG		APPR:LBLEE			
REV		DESCRIPTION							
QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS	
▽=0				MM ONLY		NTS		METRIC	
◻=0								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					
		1 PLACE ± --- ± ---		APPROVED BY DATE					
		ANGULAR ± 3 °		SKTOH 2003/11/07		MOLEX MOLEX INCORPORATED			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
				SEE TABLE		SD-87831-012		1 OF 2	
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

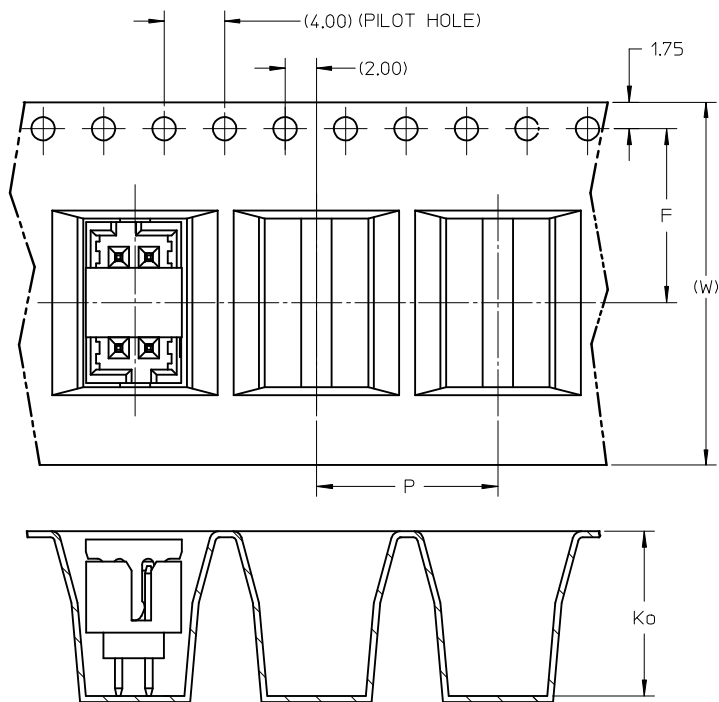
5		4		3		2		1	
ASSY W/CAP IN T&R		P/N IN TUBE		CKT	QTY/ REEL	F	P	Ko	W
87831-5551		87831-0841		08	300	11.50	16.00	12.00	24

PART IN T&R FOR ILLUSTRATION PURPOSE ONLY

EMBOSSED CARRIER TAPE 'A'



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



CUSTOMER
PULL OUT DIRECTION

- NOTES:
- LEADER AND TRAILER TAPE
160 MIN. TOP TAPE TRAILER
390 MIN. TOP TAPE NON BONDED TAPE
160 MIN. COMPONENT
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.

UPDATE PKG DETAILS EC NO: S2015-0279 DRAWN: ATSEE CHKD: FANNY WONG APPR: LBLEE 2014/09/23 2014/09/30 2014/10/01		DESCRIPTION REV	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
						DRAWN BY DATE		TITLE MGRID, SHROUDED HEADER VERTICAL, W/LOCK FEATURE				
						ATSEE 2003/10/03						
						CHECKED BY DATE		molex				
		KCL ING 2003/11/07										
		APPROVED BY DATE		DOCUMENT NO. SD-87831-012								
		SKTOH 2003/11/07										
		MATERIAL NO.		SHEET NO. 2 OF 2								
		SEE TABLE										
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								