



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

- NOTES:
- FOR ILLUSTRATION PURPOSES, 20 CIRCUIT SIZE WAFER IS SHOWN.
 - MATERIAL :
HOUSING : NYLON 46, UL94V-0, COLOR BLACK.
PIN : 0.50MM SQ.PHOSPHOR BRONZE.
 - PRODUCT SPECIFICATION PS-87831-027 APPLIES.
 - NO CENTRE POLARIZATION SLOT FOR CKT SIZE 4 AND 6.
 - NO SIDE LOCKING SLOT FROM 4 TO 12 CKT SIZE.
 - CKT 4 & 6 HAS NO IDENTIFICATION TAG.
 - THIS HEADER MATES WITH MOLEX:
 - CRIMP RECEPTACLE HOUSING, 51110 SERIES WITH CRIMP TERMINAL, 50394 SERIES.
 - 2MM MILLIGRID DUAL ROW IDT, 87568 SERIES.

UPDATE REVISION EC NO: S2006-0432 DRWN: LUI/AO CHKD: BOKOK APPR: PTL/IM	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				DRAWN BY ATSEE		DATE 2003/10/23		TITLE SALES DRAWING		
				CHECKED BY KCLING		DATE 2003/11/07		MGRID, SHROUDED HEADER W/SLOT AND STANDOFF, R/A		
				APPROVED BY SKTOH		DATE 2003/11/07		MOLEX INCORPORATED		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		MATERIAL NO.		DOCUMENT NO. SD-87833-010		SHEET NO. 1 OF 2		
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

F

E

D

C

B

A

PLS REFER TO PART
87833-***3* FOR CENTER
LOCKING SLOT OPTION.

PART NUMBER LEGEND :

87833 - * * * * *

PLATING OPTIONS:

20 - 0.38um/15uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. TIN IN
SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.

21 - 0.76um/30uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. TIN IN
SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.

PART NO.	CKT SIZE	VOID PIN LOCATION	DIMENSION					
			A	B	C	D	E	F
87833-042*	4	-	6.65	2.00	5.00	4.85	-----	
87833-062*	6	-	8.65	4.00	7.00	6.85	-----	
87833-082*	8	-	10.65	6.00	9.00	8.85	-----	
87833-102*	10	-	12.65	8.00	11.00	10.85	-----	
87833-122*	12	-	14.65	10.00	13.00	12.85	-----	
87833-142*	14	-	16.65	12.00	15.00	14.85	8.00	
87833-162*	16	-	18.65	14.00	17.00	16.85	10.00	
87833-182*	18	-	20.65	16.00	19.00	18.85	12.00	
87833-202*	20	-	22.65	18.00	21.00	20.85	14.00	
87833-222*	22	-	24.65	20.00	23.00	22.85	16.00	
87833-242*	24	-	26.65	22.00	25.00	24.85	18.00	
87833-262*	26	-	28.65	24.00	27.00	26.85	20.00	
87833-282*	28	-	30.65	26.00	29.00	28.85	22.00	2.16
87833-302*	30	-	32.65	28.00	31.00	30.85	24.00	
87833-322*	32	-	34.65	30.00	33.00	32.85	26.00	
87833-342*	34	-	36.65	32.00	35.00	34.85	28.00	
87833-362*	36	-	38.65	34.00	37.00	36.85	30.00	
87833-382*	38	-	40.65	36.00	39.00	38.85	32.00	
87833-402*	40	-	42.65	38.00	41.00	40.85	34.00	
87833-422*	42	-	44.65	40.00	43.00	42.85	36.00	
87833-442*	44	-	46.65	42.00	45.00	44.85	38.00	
87833-462*	46	-	48.65	44.00	47.00	46.85	40.00	
87833-482*	48	-	50.65	46.00	49.00	48.85	42.00	
87833-502*	50	-	52.65	48.00	51.00	50.85	44.00	
87833-5121	26	13	28.65	24.00	27.00	26.85	20.00	
87833-5120	10	7	12.65	8.00	11.00	10.85	-----	
87833-5320	14	-	16.65	12.00	15.00	14.85	8.00	3.18
87833-5420	34	-	36.65	32.00	35.00	34.85	28.00	

ADD PART NUMBER EC NO: S2006-0432 DRWN: LOI/AO CHKD: BOKOK APPR: PTL/IM	DESCRIPTION 2005/10/27 2005/10/27 2005/10/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																																
		$\nabla = 0$ $\sphericalangle = 0$	<table border="1"> <tr><th></th><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>2 PLACES</td><td>± 0.2</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.2	± ---	1 PLACE	± ---	± ---	<table border="1"> <tr><th colspan="2">DRAWN BY</th><th>DATE</th></tr> <tr><td>ATSEE</td><td></td><td>2003/10/23</td></tr> <tr><th colspan="2">CHECKED BY</th><th>DATE</th></tr> <tr><td>KCLING</td><td></td><td>2003/11/07</td></tr> <tr><th colspan="2">APPROVED BY</th><th>DATE</th></tr> <tr><td>SKTOH</td><td></td><td>2003/11/07</td></tr> </table>	DRAWN BY		DATE	ATSEE		2003/10/23	CHECKED BY		DATE	KCLING		2003/11/07	APPROVED BY		DATE	SKTOH		2003/11/07	TITLE SALES DRAWING MGRID, SHROUDED HEADER W/SLOT AND STANDOFF, R/A			
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