



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

PART NUMBER LEGEND :

- 87831 - * * * *
- PLATING OPTION
- 19 - 0.05-0.13um/2-5uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN.TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
 - 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.

0,50±0,05 SQ.(TYP)
⊕ ⌀ 0.30 ⊕ XY ⊕ Z ⊕
AT TIP BOTH ENDS

3.60
(2.50) GOLD MEAS. POINT

SECTION G-G

MOLEX LOGO & TUBE
PART NO. 89990-0007.
(ON THE LEFT HAND
SIDE OF TUBE).

OUTWARDS
WINDOW FACING

P/N IN TUBE	CKT SIZE	VOID POSITION	DIMENSION				
			A	B	C	D	E
87831-04**	4	----	2,00	4,85	6,65	5,00	----
87831-06**	6	----	4,00	6,85	8,65	7,00	----
87831-08**	8	----	6,00	8,85	10,65	9,00	----
87831-10**	10	----	8,00	10,85	12,65	11,00	----
87831-12**	12	----	10,00	12,85	14,65	13,00	----
87831-14**	14	----	12,00	14,85	16,65	15,00	8,00
87831-16**	16	----	14,00	16,85	18,65	17,00	10,00
87831-18**	18	----	16,00	18,85	20,65	19,00	12,00
87831-20**	20	----	18,00	20,85	22,65	21,00	14,00
87831-22**	22	----	20,00	22,85	24,65	23,00	16,00
87831-24**	24	----	22,00	24,85	26,65	25,00	18,00
87831-26**	26	----	24,00	26,85	28,65	27,00	20,00
87831-28**	28	----	26,00	28,85	30,65	29,00	22,00
87831-30**	30	----	28,00	30,85	32,65	31,00	24,00
87831-32**	32	----	30,00	32,85	34,65	33,00	26,00
87831-34**	34	----	32,00	34,85	36,65	35,00	28,00
87831-36**	36	----	34,00	36,85	38,65	37,00	30,00
87831-38**	38	----	36,00	38,85	40,65	39,00	32,00
87831-40**	40	----	38,00	40,85	42,65	41,00	34,00
87831-42**	42	----	40,00	42,85	44,65	43,00	36,00
87831-44**	44	----	42,00	44,85	46,65	45,00	38,00
87831-46**	46	----	44,00	46,85	48,65	47,00	40,00
87831-48**	48	----	46,00	48,85	50,65	49,00	42,00
87831-50**	50	----	48,00	50,85	52,65	51,00	44,00
87831-5120	12	1	10,00	12,85	14,65	13,00	----

NOTES:

1. FOR ILLUSTRATION PURPOSES, 20 CIRCUIT SIZE WAFER IS SHOWN.
2. MATERIAL :
HOUSING : 30% G.F., NYLON 46, UL94V-0, COLOR BLACK.
PIN : 0.50MM SQ.PHOSPHOR BRONZE.
3. PRODUCT SPECIFICATION PS-87831-027 APPLIES.
4. NO CENTRE POLARIZATION SLOT FOR CKT SIZE 4 AND 6.
5. NO SIDE LOCKING SLOT FROM 4 TO 12 CKT SIZE.
6. CKT 4 & 6 HAS NO IDENTIFICATION TAG.
7. REFER TO PART 87831-***4* FOR CENTRE LOCKING SLOT OPTION FOR 4 TO 12 CKT.
8. THIS HEADER MATES WITH MOLEX :
a) CRIMP RECEPTACLE HOUSING, 51110 SERIES WITH CRIMP TERMINAL, 50394 SERIES.
b) 2MM MILLIGRID DUAL ROW IDT, 87568 SERIES.

EC NO: S2005-0527 DRAWN: LQ1A0 2005/01/04 CHKD: PTLIM 2005/01/04 APPR: SLOW 2005/01/05	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 ± --- ± --- ANGULAR ± 3 °	mm INCH ATSEE 2003/10/03 CHECKED BY DATE KCL ING 2003/11/07 APPROVED BY DATE SKTOH 2003/11/07	TITLE SALES DRAWING MGRID, VERTICAL SHROUDED HDR, W/SLOT & STANDOFF		MOLEX INCORPORATED		DOCUMENT NO. SD-87831-011	SHEET NO. 1 OF 1
A3	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					