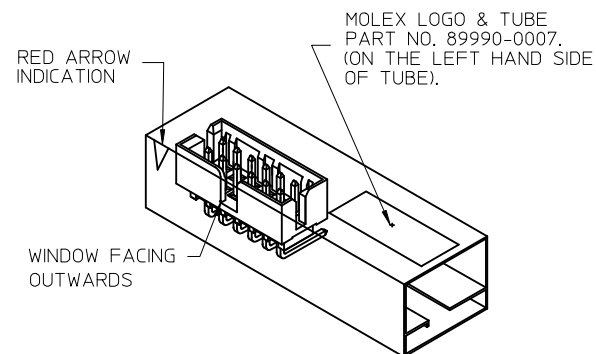
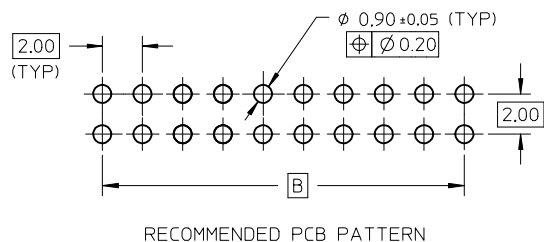
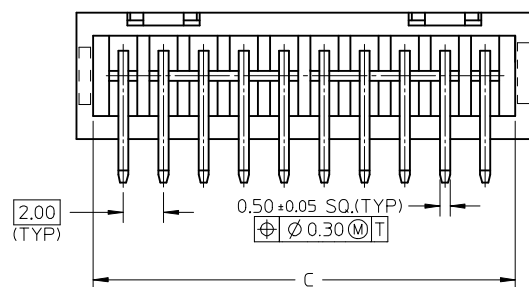
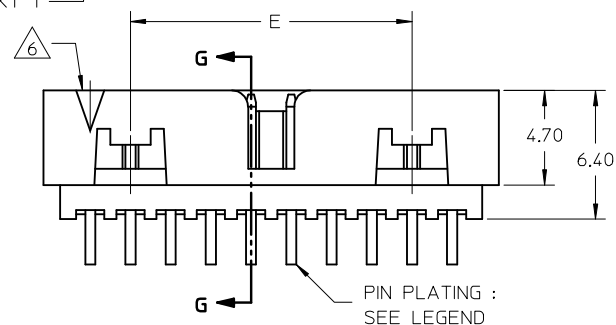
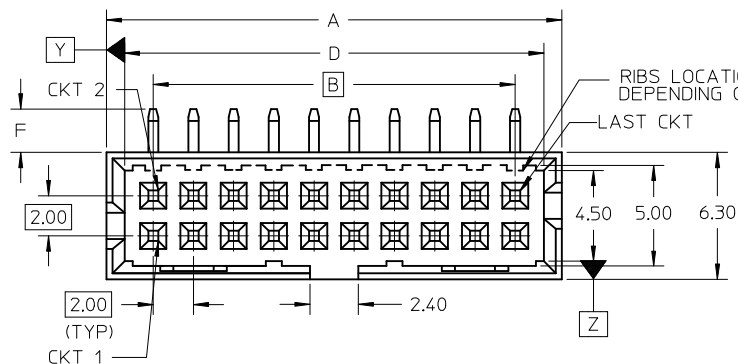
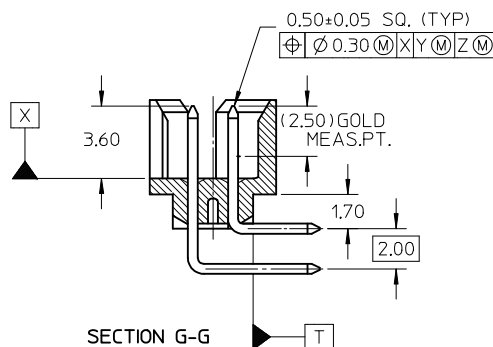


10 9 8 7 6 5 4 3 2 1



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:
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.
- PLATING SPECIFICATION REFERRED TO SHEET 2.

SHY1, CORRECT PCB PITCH DIM. NO: S2013-0850 DRWN:ATSEE 2013/06/04 CHKD:SKANG 2013/06/25 APPR:MLONG 2013/07/08 REV	DESCRIPTION	QUALITY SYMBOLS F_A=0 F_G=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 2003/10/23	TITLE MGRID, SHROUDED HEADER W/SLOT AND STANDOFF, R/A						
			4 PLACES	± ---	± ---	CHECKED BY KCL ING	DATE 2003/11/07							
			3 PLACES	± ---	± ---	APPROVED BY MLONG	DATE 2010/11/19							
			2 PLACES	± 0.2	± ---	MATERIAL NO. SEE TABLE			DOCUMENT NO. SD-87833-010			SHEET NO. 1 OF 3		
			1 PLACE	± ---	± ---									
			0 PLACE	±	±	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
			ANGULAR ± 3 °											
			DRAFT WHERE APPLICABLE											
			MUST REMAIN WITHIN DIMENSIONS											

		10		9		8		7		6		5		4		3		2		1		
F		PLS REFER TO PART 87833-**-3* FOR CENTER LOCKING SLOT OPTION.										PART NO.		CKT SIZE	VOID PIN LOCATION	DIMENSION					9 PLATING OPTION	
												A		B	C	D	E	F				
E		2.16										87833-04**	4	-	6.65	2.00	5.00	4.85	-----	19,20 OR 21		
												87833-06**	6	-	8.65	4.00	7.00	6.85	-----			
D		2.16										87833-08**	8	-	10.65	6.00	9.00	8.85	-----	19,20 OR 21		
												87833-10**	10	-	12.65	8.00	11.00	10.85	-----			
C		2.16										87833-12**	12	-	14.65	10.00	13.00	12.85	-----	18,19,20 OR 21		
												87833-14**	14	-	16.65	12.00	15.00	14.85	8.00			
B		2.16										87833-16**	16	-	18.65	14.00	17.00	16.85	10.00	19,20 OR 21		
												87833-18**	18	-	20.65	16.00	19.00	18.85	12.00			
A		2.16										87833-20**	20	-	22.65	18.00	21.00	20.85	14.00	19,20 OR 21		
												87833-22**	22	-	24.65	20.00	23.00	22.85	16.00			
		2.16										87833-24**	24	-	26.65	22.00	25.00	24.85	18.00	19,20 OR 21		
												87833-26**	26	-	28.65	24.00	27.00	26.85	20.00			
		2.16										87833-28**	28	-	30.65	26.00	29.00	28.85	22.00	19,20 OR 21		
												87833-30**	30	-	32.65	28.00	31.00	30.85	24.00			
		2.16										87833-32**	32	-	34.65	30.00	33.00	32.85	26.00	19,20 OR 21		
												87833-34**	34	-	36.65	32.00	35.00	34.85	28.00			
		2.16										87833-36**	36	-	38.65	34.00	37.00	36.85	30.00	19,20 OR 21		
												87833-38**	38	-	40.65	36.00	39.00	38.85	32.00			
		2.16										87833-40**	40	-	42.65	38.00	41.00	40.85	34.00	19,20 OR 21		
												87833-42**	42	-	44.65	40.00	43.00	42.85	36.00			
		2.16										87833-44**	44	-	46.65	42.00	45.00	44.85	38.00	19,20 OR 21		
												87833-46**	46	-	48.65	44.00	47.00	46.85	40.00			
		2.16										87833-48**	48	-	50.65	46.00	49.00	48.85	42.00	19,20 OR 21		
												87833-50**	50	-	52.65	48.00	51.00	50.85	44.00			
		2.16										87833-7000	34	21	36.65	32.00	35.00	34.85	28.00	19,20 OR 21		
												87833-5121	26	14	28.65	24.00	27.00	26.85	20.00			
		2.16										87833-5120	10	7	12.65	8.00	11.00	10.85	-----	19,20 OR 21		
												87833-5520	40	21	42.65	38.00	41.00	40.85	34.00			
		2.16										87833-5620	20	14	22.65	18.00	21.00	20.85	14.00	19,20 OR 21		
												87833-5720	24	13	26.65	22.00	25.00	24.85	18.00			
		2.16										87833-5820	14	1	16.65	12.00	15.00	14.85	8.00	19,20 OR 21		
												87833-63**	8	-	10.65	6.00	9.00	8.85	-----			
		2.16										87833-53**	14	-	16.65	12.00	15.00	14.85	8.00	19,20 OR 21		
												87833-5420	34	-	36.65	32.00	35.00	34.85	28.00			
		2.16										87833-5920	4	-	6.65	2.00	5.00	4.85	-----	19,20 OR 21		
												87833-6020	12	-	14.65	10.00	13.00	12.85	-----			
		2.16										87833-6120	16	-	18.65	14.00	17.00	16.85	10.00	19,20 OR 21		
												87833-6220	18	-	20.65	16.00	19.00	18.85	12.00			
		2.16										87833-6420	6	-	8.65	4.00	7.00	6.85	-	19,20 OR 21		
												87833-65**	20	-	22.65	18.00	21.00	20.85	14.00			
		2.16																		20 OR 21		
		2.16																		20 OR 21		
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		2.16																		20 OR 21		

F

E

D

C

B

A

F

E

D

C

B

A

PART NO.	CKT SIZE	VOID PIN LOCATION	DIMENSION						PLATING OPTION
			A	B	C	D	E	F	
87833-6620	28	-	30.65	26.00	29.00	28.85	22.00	3.18	20
87833-67**	30	-	32.65	28.00	31.00	30.85	24.00		20 OR 21
87833-6920	24	-	26.65	22.00	25.00	24.85	18.00	3.27	20

PART NUMBER LEGEND :
87833 - * * * * *

- △ PLATING OPTIONS:
- 18 - 0.38um/15uin PdNi WITH GOLD FLASH IN CONTACT AREA AND 1.88um/75uin MIN.TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN. NICKEL OVERALL.
 - 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.
 - 00/ 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.

SHT1, CORRECT PCB PITCH DIM. NO: S2013-0850 DRWN:ATSEE 2013/06/04 CHKD:SKANG 2013/06/25 APPR:MLONG 2013/07/08			DESCRIPTION REV	QUALITY SYMBOLS FA=0 FC=0 FP=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 MGRID, SHROUDED HEADER W/SLOT AND STANDOFF, R/A										
							CHECKED BY KCLING	DATE 2003/11/07											
							APPROVED BY MLONG		DATE 2010/11/19	molex									
							ANGULAR ± 3 °		MATERIAL NO.						DOCUMENT NO.		SHEET NO.		
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE						SD-87833-010		3 OF 3		
B8							SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											