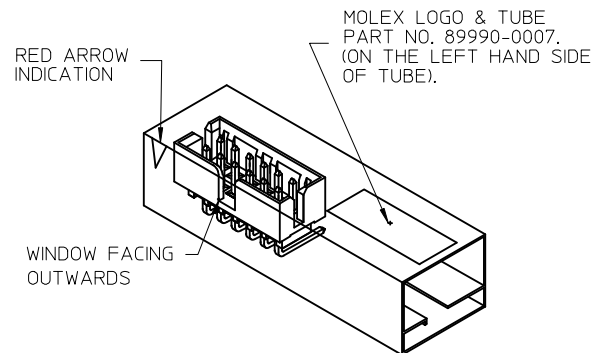
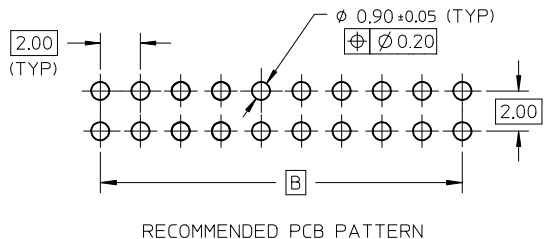
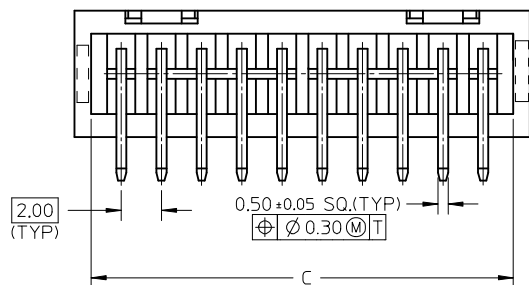
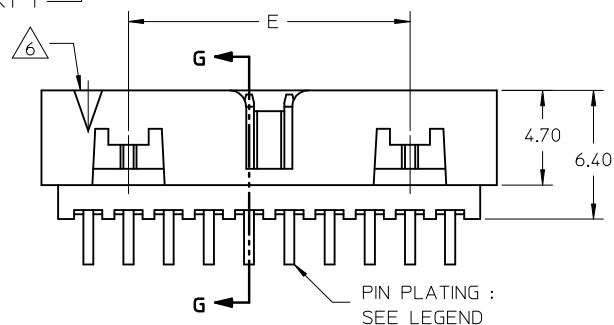
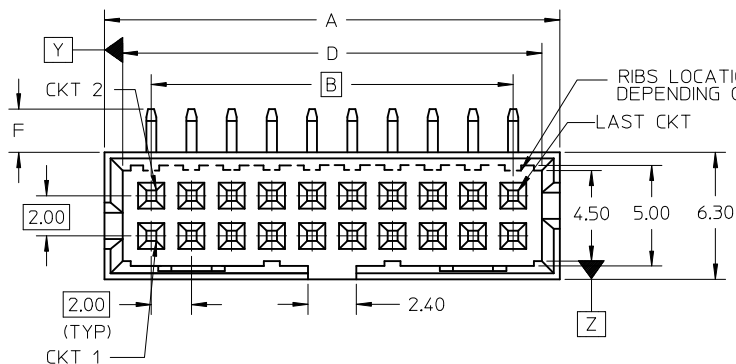
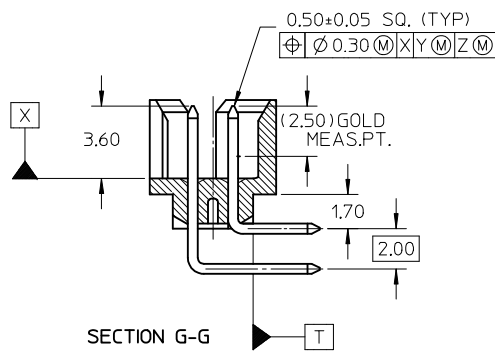




REF: ORIENTATION OF PART IN TUBE
(FOR THE REFERENCE OF PART/TUBE ASSEMBLY)



- 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. EC 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	TITLE MGRID, SHROUDED HEADER W/SLOT AND STANDOFF, R/A	
				4 PLACES 3 PLACES 2 PLACES 1 PLACE 0 PLACE	mm INCH	DRAWN BY ATSEE CHECKED BY KCLING APPROVED BY MLONG	DATE 2003/10/23 2003/11/07 2010/11/19	DOCUMENT NO. SD-87833-010				SHEET NO. 1 OF 3
ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE								
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		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	19,20 OR 21															
E												87833-04**		4	-	6.65	2.00	5.00	4.85	-----	2.16	18,19,20 OR 21											
												87833-06**	6	-	8.65	4.00	7.00	6.85	-----														
D												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												87833-12**		12	-	14.65	10.00	13.00	12.85	-----	20												
												87833-14**	14	-	16.65	12.00	15.00	14.85	8.00														
B												87833-16**		16	-	18.65	14.00	17.00	16.85	10.00	20 OR 21												
												87833-18**	18	-	20.65	16.00	19.00	18.85	12.00														
A												87833-20**		20	-	22.65	18.00	21.00	20.85	14.00	20												
												87833-22**	22	-	24.65	20.00	23.00	22.85	16.00														
												87833-24**		24	-	26.65	22.00	25.00	24.85	18.00	20 OR 21												
												87833-26**	26	-	28.65	24.00	27.00	26.85	20.00														
												87833-28**		28	-	30.65	26.00	29.00	28.85	22.00	20												
												87833-30**	30	-	32.65	28.00	31.00	30.85	24.00														
												87833-32**		32	-	34.65	30.00	33.00	32.85	26.00	20 OR 21												
												87833-34**	34	-	36.65	32.00	35.00	34.85	28.00														
												87833-36**		36	-	38.65	34.00	37.00	36.85	30.00	20												
												87833-38**	38	-	40.65	36.00	39.00	38.85	32.00														
												87833-40**		40	-	42.65	38.00	41.00	40.85	34.00	20 OR 21												
												87833-42**	42	-	44.65	40.00	43.00	42.85	36.00														
												87833-44**		44	-	46.65	42.00	45.00	44.85	38.00	20												
												87833-46**	46	-	48.65	44.00	47.00	46.85	40.00														
												87833-48**		48	-	50.65	46.00	49.00	48.85	42.00	20 OR 21												
												87833-50**	50	-	52.65	48.00	51.00	50.85	44.00														
												87833-7000		34	21	36.65	32.00	35.00	34.85	28.00	20												
												87833-5121	26	14	28.65	24.00	27.00	26.85	20.00														
												87833-5120		10	7	12.65	8.00	11.00	10.85	-----	20 OR 21												
												87833-5520	40	21	42.65	38.00	41.00	40.85	34.00														
												87833-5620		20	14	22.65	18.00	21.00	20.85	14.00	20												
												87833-5720	24	13	26.65	22.00	25.00	24.85	18.00														
												87833-5820		14	1	16.65	12.00	15.00	14.85	8.00	20 OR 21												
												87833-63**	8	-	10.65	6.00	9.00	8.85	-----														
												87833-53**		14	-	16.65	12.00	15.00	14.85	8.00	20												
												87833-5420	34	-	36.65	32.00	35.00	34.85	28.00														
												87833-5920		4	-	6.65	2.00	5.00	4.85	-----	20 OR 21												
												87833-6020	12	-	14.65	10.00	13.00	12.85	-----														
												87833-6120		16	-	18.65	14.00	17.00	16.85	10.00	20												
												87833-6220	18	-	20.65	16.00	19.00	18.85	12.00														
												87833-6420		6	-	8.65	4.00	7.00	6.85	-	20 OR 21												
												87833-65**	20	-	22.65	18.00	21.00	20.85	14.00														
												SH11, CORRECT PCB PITCH DIM.		REV		DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		TITLE			
												B8																					

F

E

D

C

B

A

F

E

D

C

B

A

PART NO.	CKT SIZE	VOID PIN LOCATION	DIMENSION						9 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 - * * * * *

- 9 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.

SH11, 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_C=0 F_P=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								
							MATERIAL NO.							DOCUMENT NO.		SHEET NO.	
							SEE TABLE							SD-87833-010		3 OF 3	
							SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								