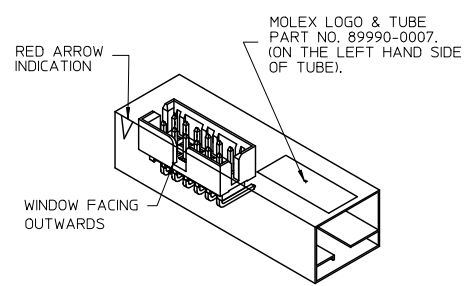
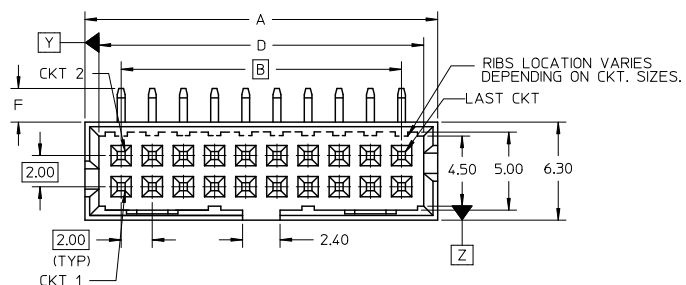
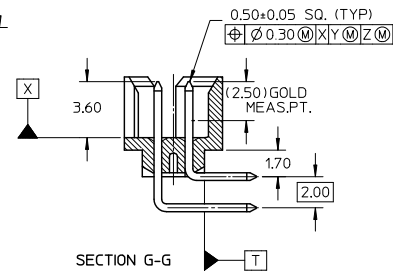
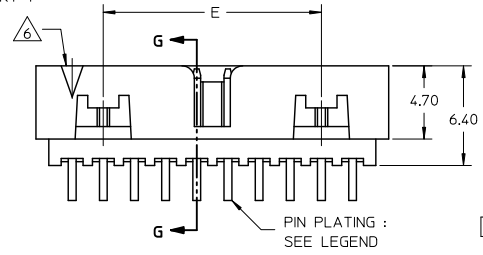


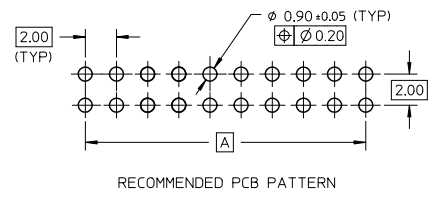
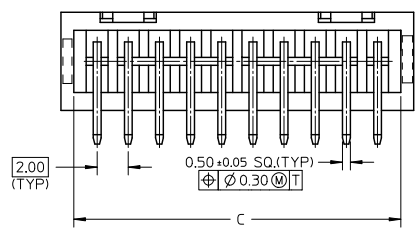
10 9 8 7 6 5 4 3 2 1



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:
    - CRIMP RECEPTACLE HOUSING, 51110 SERIES WITH CRIMP TERMINAL, 50394 SERIES.
    - 2MM MILLIGRID DUAL ROW IDT, 87568 SERIES.
  - PARTS TO BE PACKED IN TUBE WITH MOISTURE BARRIER BAG.
  - PLATING SPECIFICATION REFERRED TO SHEET 2.



ADD P/N: 87833-6721 EC NO: S2011-0354 DRWNSKANG 2010/10/18 CHYKATSEE 2010/11/18 APPROVALONG 2010/11/19 BS	QUALITY SYMBOLS ▽=0 ▽=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°	DRAWN BY ATSEE	DATE 2003/10/23	TITLE MGRID, SHROUDED HEADER W/SLOT AND STANDOFF, R/A
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		MATERIAL NO. MLONG	DATE 2010/11/19	MOLEX INCORPORATED	DOCUMENT NO. SD-87833-010
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

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

PART NO.	CKT SIZE	VOID PIN LOCATION	DIMENSION						PLATING OPTION
			A	B	C	D	E	F	
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	---		
87833-08**	8	-	10.65	6.00	9.00	8.85	---		
87833-10**	10	-	12.65	8.00	11.00	10.85	---		
87833-12**	12	-	14.65	10.00	13.00	12.85	---		
87833-14**	14	-	16.65	12.00	15.00	14.85	8.00		
87833-16**	16	-	18.65	14.00	17.00	16.85	10.00		
87833-18**	18	-	20.65	16.00	19.00	18.85	12.00		
87833-20**	20	-	22.65	18.00	21.00	20.85	14.00		
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		
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		
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		
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		
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		
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		
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		
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		
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	---		
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		
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		
87833-63**	8	-	10.65	6.00	9.00	8.85	---		
87833-53**	14	-	16.65	12.00	15.00	14.85	8.00		
87833-5420	34	-	36.65	32.00	35.00	34.85	28.00		
87833-5920	4	-	6.65	2.00	5.00	4.85	---		
87833-6020	12	-	14.65	10.00	13.00	12.85	---		
87833-6120	16	-	18.65	14.00	17.00	16.85	10.00		
87833-6220	18	-	20.65	16.00	19.00	18.85	12.00		
87833-6420	6	-	8.65	4.00	7.00	6.85	-		
87833-6520	20	-	22.65	18.00	21.00	20.85	14.00		

2.16

20

00

21

20

20 OR 21

3.18

20

ADD P/N: 87833-6721 EC NO: S2011-0354 DRWNSKANG 2010/10/18 CHYKATSEE 2010/11/18 APPR:MLONG 2010/11/19 BS	QUALITY SYMBOLS □=0 □=0 □=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		mm	INCH	MM ONLY		NTS	METRIC		
		4 PLACES ± ---	± ---	DRAWN BY	DATE	TITLE			
		3 PLACES ± ---	± ---	ATSEE	2003/10/23	MGRID, SHROUDED HEADER W/SLOT AND STANDOFF, R/A			
2 PLACES ± 0.2	± ---	CHECKED BY	DATE	MOLEX INCORPORATED					
1 PLACE ± ---	± ---	KCLING	2003/11/07	SD-87833-010					
ANGULAR ± 3°		APPROVED BY	DATE	SHEET NO.					
		MLONG	2010/11/19	2 OF 3					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE TABLE		DOCUMENT NO.			
		A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

tb\_frame\_A3\_P\_AM.T Rev. F 2009/06/18 9 8 7 6 5 4 3 2 1

10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

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

**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.

ADD P/N: 87833-6721 EC NO: S2011-0354 DRWNSKANG 2010/10/18 CHYKATSEE 2010/11/18 APPROVALONG 2010/11/19	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	NTS	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± ---	ATSEE 2003/10/23	MGRID, SHROUDED HEADER W/SLOT AND STANDOFF, R/A		
	▽=0	2 PLACES ± 0.2 ± ---	CHECKED BY DATE	MOLEX INCORPORATED		
	1 PLACE ± --- ± ---	KCLING 2003/11/07	SD-87833-010			
	ANGULAR ± 3°	APPROVED BY DATE	SHEET NO.			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MLONG 2010/11/19	3 OF 3			
		MATERIAL NO.	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		SEE TABLE				
		SIZE A3				

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9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1