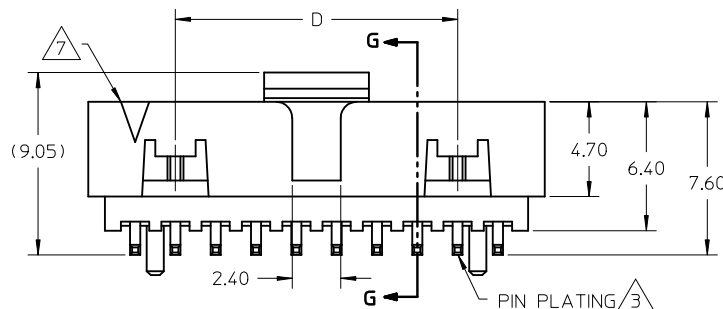
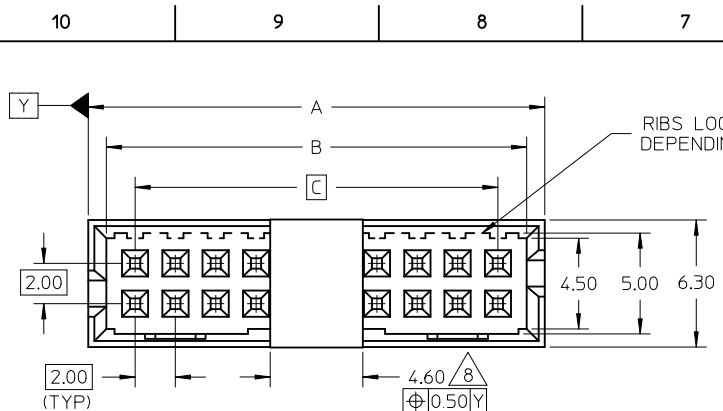


RECOMMENDED PCB PATTERN

CKT SIZE	A	B	C	D	E	F
4	6.65	4.85	2.00	-----	-----	5.00
6	8.65	6.85	4.00	-----	2.00	7.00
8	10.65	8.85	6.00	-----	4.00	9.00
10	12.65	10.85	8.00	-----	6.00	11.00
12	14.65	12.85	10.00	-----	8.00	13.00
14	16.65	14.85	12.00	8.00	10.00	15.00
16	18.65	16.85	14.00	10.00	12.00	17.00
18	20.65	18.85	16.00	12.00	14.00	19.00
20	22.65	20.85	18.00	14.00	16.00	21.00
22	24.65	22.85	20.00	16.00	18.00	23.00
24	26.65	24.85	22.00	18.00	20.00	25.00
26	28.65	26.85	24.00	20.00	22.00	27.00
28	30.65	28.85	26.00	22.00	24.00	29.00
30	32.65	30.85	28.00	24.00	26.00	31.00
32	34.65	32.85	30.00	26.00	28.00	33.00
34	36.65	34.85	32.00	28.00	30.00	35.00
36	38.65	36.85	34.00	30.00	32.00	37.00
38	40.65	38.85	36.00	32.00	34.00	39.00
40	42.65	40.85	38.00	34.00	36.00	41.00
42	44.65	42.85	40.00	36.00	38.00	43.00
44	46.65	44.85	42.00	38.00	40.00	45.00
46	48.65	46.85	44.00	40.00	42.00	47.00
48	50.65	48.85	46.00	42.00	44.00	49.00
50	52.65	50.85	48.00	44.00	46.00	51.00

NOTES:

- FOR ILLUSTRATION PURPOSES, 20 CIRCUIT SIZE WAFER IS SHOWN.
- MATERIAL :
HOUSING & CAP : 30% G.F., NYLON 46, UL94V-0, COLOR BLACK.
PIN : 0.50MM SQ.PHOSPHOR BRONZE.
- PLATING : SEE SHEET 4 FOR PART NUMBER LEGEND
- PRODUCT SPECIFICATION PS-87831-027 APPLIES.
- COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A GAUGE SURFACE.
- NO SIDE LOCKING SLOT FROM 4 TO 12 CKT SIZE.
- CKT 4 & 6 HAS NO IDENTIFICATION TAG.
- POSITION OF CAP TO BE LOCATED AT CENTER OF DIMENSION 'A' REGARDLESS OF CIRCUIT SIZE.
- TOP SURFACE OF CAP TO BE FLAT FOR THE PURPOSE OF PICK-&-PLACE BY VACUUM SUCTION NOZZLE.
- THIS HEADER MATES WITH MOLEX:
a) CRIMP RECEPTACLE HOUSING, 51110 SERIES WITH CRIMP TERMINAL, 50394 SERIES.
b) 2MM MILLIGRID DUAL ROW IDT, 87568 SERIES.
- NO CENTRE POLARIZATION SLOT FOR CKT SIZE 4 AND 6.
- PARTS SHALL BE PACKED IN MOISTURE BARRIER BAG.

CORRECT PART ILLUSTRATION EC NO: S2012-0647 2012/02/22 DRWN:SKANG CHKD:ATSEE 2012/04/30 APPR:MLONG 2012/05/03	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm		INCH		DRAWN BY ATSEE		DATE 2003/10/14		TITLE MGRID, SHROUDED HEADER SMT, W/PEGS/CAP FOR PICK & PLACE IN TUBE AND T&R MOLEX INCORPORATED	
			4 PLACES ± --- ± ---		CHECKED BY KCLING		DATE 2003/11/07					
			3 PLACES ± --- ± ---		APPROVED BY SKTOH		DATE 2003/11/07					
			2 PLACES ± 0.2 ± ---		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87832-006					
			1 PLACE ± --- ± ---		SHEET NO. 1 OF 4							
			ANGULAR ± 3 °									
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

10

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6

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4

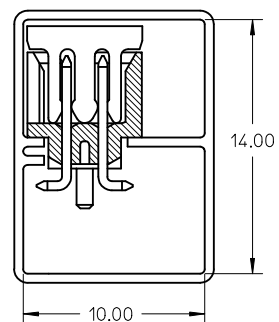
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2

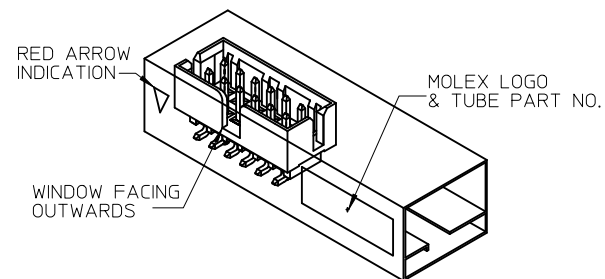
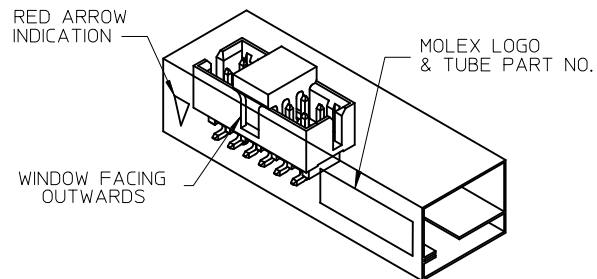
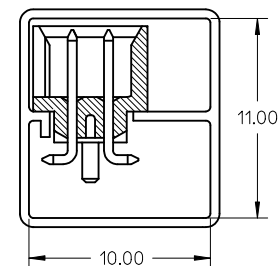
1

TUBE PACKAGING

WITH CAP IN TUBE



WITHOUT CAP IN TUBE



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

CORRECT PART ILLUSTRATION EC NO: S2012-0647 2012/02/22 DRWN:SKANG CHKD:ATSEE 2012/04/30 APPR:MLONG 2012/05/03	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					DRAWN BY ATSEE	DATE 2003/10/14	TITLE MGRID, SHROUDED HEADER SMT, W/PEGS/CAP FOR PICK & PLACE IN TUBE AND T&R				
					CHECKED BY KCLING	DATE 2003/11/07					
					APPROVED BY SKTOH	DATE 2003/11/07				MOLEX MOLEX INCORPORATED	
			ANGULAR ± 3 °		MATERIAL NO.	DOCUMENT NO.					SHEET NO. 2 OF 4
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87832-006				
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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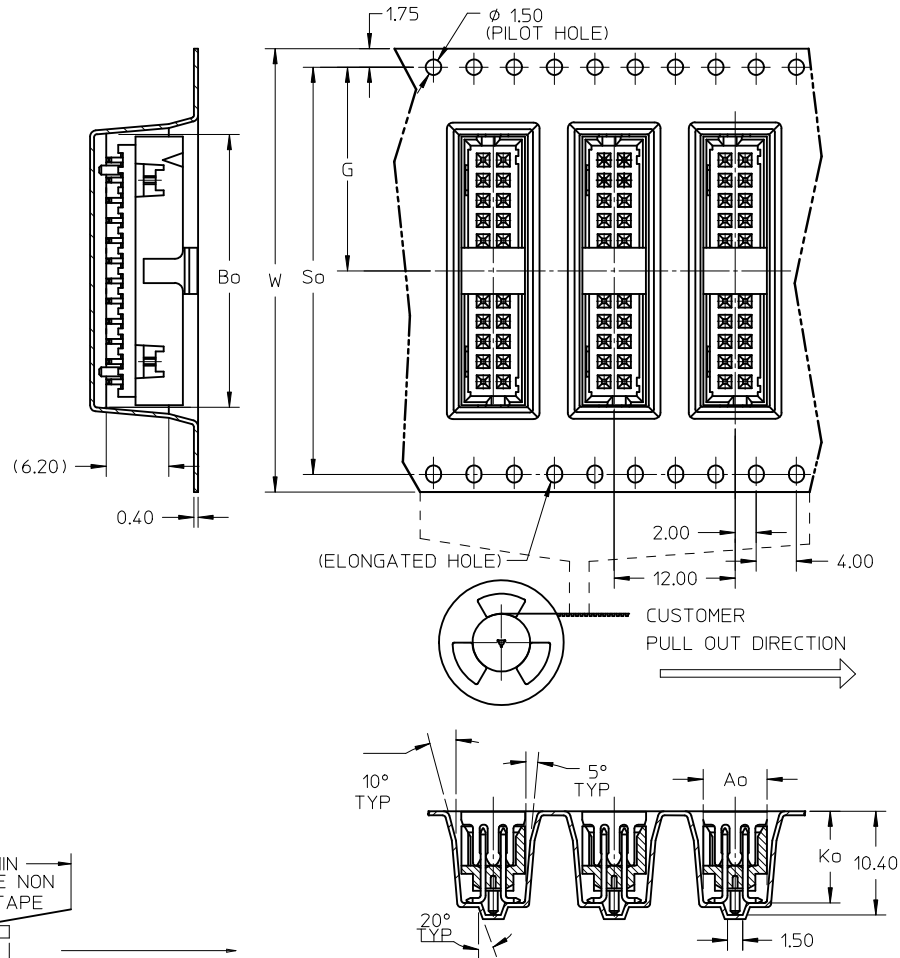
4

3

2

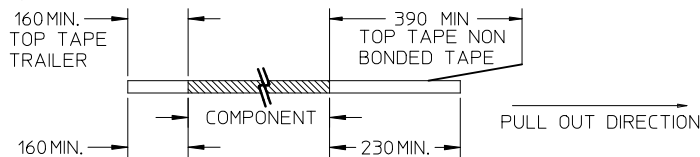
1

EMBOSSED CARRIER TAPE LAYOUT
24 CKT USE FOR ILLUSTRATION ONLY



NOTES:

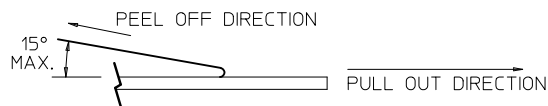
1. LEADER AND TRAILER TAPE



TAIL PART
(EMPTY)

LEADER PART
(EMPTY)

2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



3. PACKAGING STANDARD IS AS PER EIA-481.

CORRECT PART ILLUSTRATION EC NO: S2012-0647 2012/02/22 DRWN:SKANG CHKD:ATSEE 2012/04/30 APPR:MLONG 2012/05/03	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
							DRAWN BY ATSEE		DATE 2003/10/14		TITLE MGRID, SHROUDED HEADER SMT, W/PEGS/CAP FOR PICK & PLACE IN TUBE AND T&R MOLEX INCORPORATED SD-87832-006		
			4 PLACES		± ---	± ---	CHECKED BY KCLING		DATE 2003/11/07				
			3 PLACES		± ---	± ---	APPROVED BY SKTOH		DATE 2003/11/07				
			2 PLACES		± 0.2	± ---							
			1 PLACE		± ---	± ---							
			ANGULAR ± 3 °			MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-87832-006		3 OF 4			
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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4

3

2

1

	10	9	8	7	6	5	4	3	2	1																	
F	PLS REFER TO PART 87832-**-08 FOR CENTER LOCKING SLOT OPTION.					BEG OPTION	P/N W/O CAP IN TUBE	P/N W/CAP IN TUBE	P/N W/CAP IN TAPE & REEL	CKT SIZE	DIMENSION						F										
												W	G	Bo	So	Ao		Ko									
							NO	87832-04*0	87832-04*2		87832-51*2	4	16.00	7.50	7.15	-----		6.40	9.30								
							YES	87832-06*0	87832-06*2		87832-52*2	6	24.00	11.50	9.15	-----		6.40	9.30								
							YES	87832-08*0	87832-08*2		87832-53*2	8	24.00	11.50	11.05	-----		6.40	9.30								
							YES	87832-10*0	87832-10*2		87832-54*2	10	24.00	11.50	13.05	-----		6.40	9.30								
							YES	87832-12*0	87832-12*2		87832-55*2	12	32.00	14.20	15.15	28.40		6.85	9.30								
							YES	87832-14*0	87832-14*2		87832-56*2	14	32.00	14.20	17.05	28.40		6.40	9.30								
							YES	87832-16*0	87832-16*2		87832-57*2	16	32.00	14.20	19.05	28.40		6.40	9.30								
							YES	87832-18*0	87832-18*2		87832-58*2	18	44.00	20.20	21.05	40.40		6.40	9.30								
E	PART NUMBER LEGEND: 87832-* * * * PLATING OPTION 2 - 0.38um/15uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATT TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN.NICKEL OVERALL. 6 - 0.05-0.13um/2-5uin GOLD IN CONTACT AREA AND 1.88um/75uin MIN. MATT TIN IN SOLDER TAIL AREA OVER 1.27um/50uin MIN.NICKEL OVERALL.					YES	87832-20*0	87832-20*2	87832-59*2	20	44.00	20.20	23.05	40.40	6.40	9.30											
						YES	87832-22*0	87832-22*2	87832-60*2	22	44.00	20.20	25.05	40.40	6.40	9.30											
						YES	87832-24*0	87832-24*2	87832-61*2	24	44.00	20.20	27.05	40.40	6.40	9.30											
						YES	87832-26*0	87832-26*2	87832-62*2	26	44.00	20.20	29.05	40.40	6.40	9.30											
						YES	87832-28*0	87832-28*2	87832-63*2	28	56.00	26.20	31.05	52.40	6.40	9.30											
						YES	87832-30*0	87832-30*2	87832-64*2	30	56.00	26.20	33.05	52.40	6.40	9.30											
						YES	87832-32*0	87832-32*2	87832-65*2	32	56.00	26.20	35.05	52.40	6.40	9.30											
						YES	87832-34*0	87832-34*2	87832-66*2	34	56.00	26.20	37.05	52.40	6.40	9.30											
						YES	87832-36*0	87832-36*2	-----	36	-----	-----	-----	-----	-----	-----											
						YES	87832-38*0	87832-38*2	-----	38	-----	-----	-----	-----	-----	-----											
D						YES	87832-40*0	87832-40*2	87832-69*2	40	56.00	26.20	43.05	52.40	6.40	9.30											
						YES	87832-42*0	87832-42*2	-----	42	-----	-----	-----	-----	-----	-----											
						YES	87832-44*0	87832-44*2	87832-71*2	44	56.00	26.20	46.80	52.40	6.40	9.30											
						YES	87832-46*0	87832-46*2	87832-72*2	46	56.00	26.20	47.05	52.40	6.40	9.30											
						YES	87832-48*0	87832-48*2	-----	48	-----	-----	-----	-----	-----	-----											
						YES	87832-50*0	87832-50*2	87832-74*2	50	72.00	34.20	53.05	68.40	6.40	9.30											
																C											
																	B										
																		A									
										CORRECT PART ILLUSTRATION EC NO: S2012-0647 2012/02/22 DRWN:SKANG CHKD:ATSEE 2012/04/30 APPR:MLONG 2012/05/03						QUALITY SYMBOLS ▽=0 ▽=0			GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DIMENSION STYLE MM ONLY DRAWN BY DATE ATSEE 2003/10/14 CHECKED BY DATE KCLING 2003/11/07 APPROVED BY DATE SKTOH 2003/11/07 MATERIAL NO. SEE TABLE		SCALE NTS TITLE MGRID, SHROUDED HEADER SMT, W/PEGS/CAP FOR PICK & PLACE IN TUBE AND T&R MOLEX INCORPORATED DOCUMENT NO. SD-87832-006		DESIGN UNITS METRIC THIRD ANGLE PROJECTION		SHEET NO. 4 OF 4
										SIZE 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. E 2006/04/15																											