

10 9 8 7 6 5 4 3 2 1

F

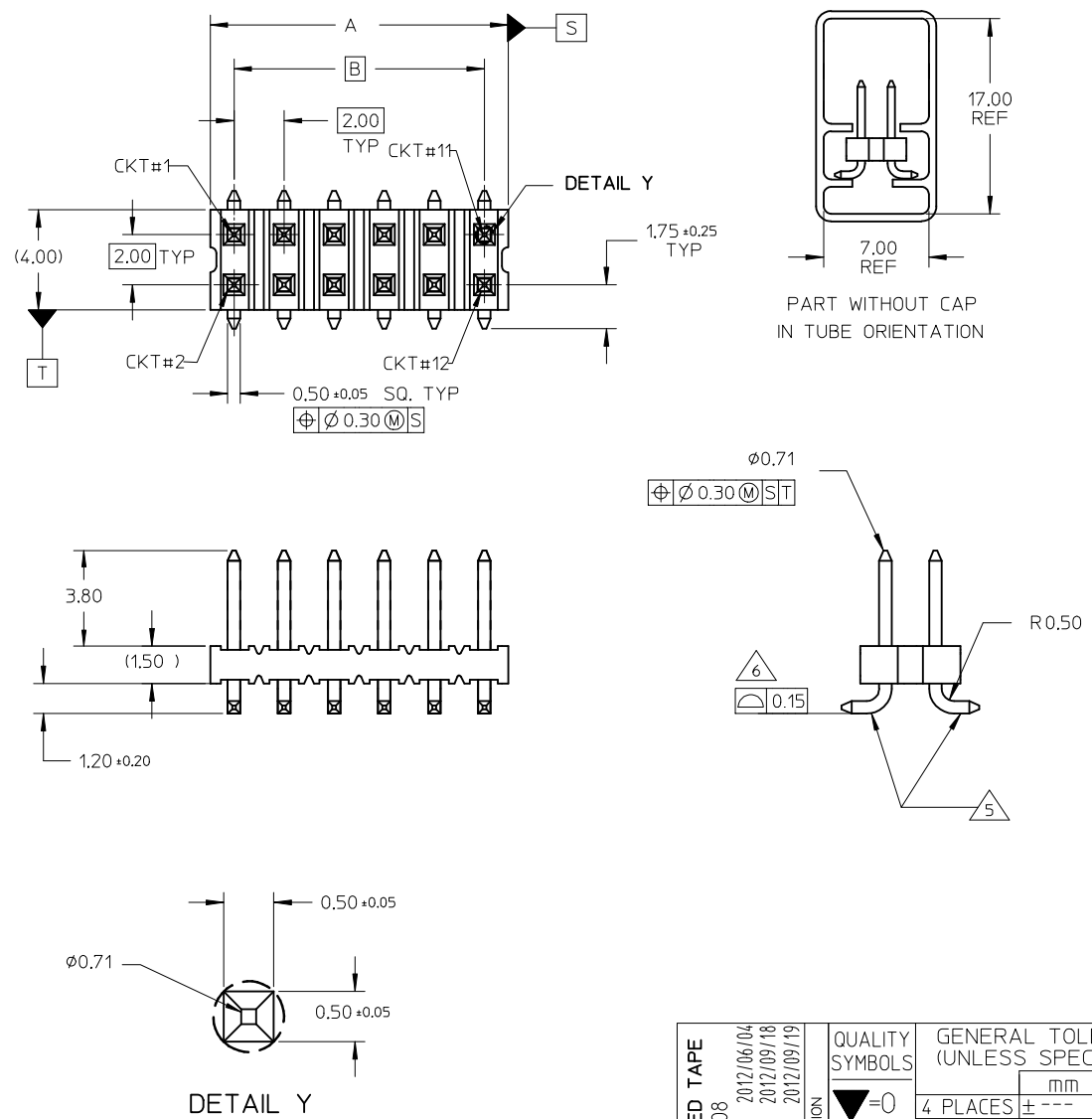
E

D

C

B

A



NOTE:

1. MATERIAL:
HSG & CAP - NYLON, GLASS FILLED
UL 94V-0, COLOUR BLACK

PIN - 0.50 SQ PHOSPHOR BRONZE

2. PLATING OPTION:

(1) 0.38µm MIN GOLD PLATE AT CONTACT AREA,
TIN PLATE AT SOLDER AREA,
BOTH OVER NICKEL UNDERPLATE

(2) 0.05 - 0.25µm GOLD PLATE AT CONTACT AREA,
TIN PLATE AT SOLDER AREA,
BOTH OVER NICKEL UNDERPLATE

3. PIN PUSHOUT FORCE: 1KG MIN IN EITHER DIRECTION

4. PRODUCT SPEC PS-87761-100 APPLIES.

5 BEND DEPRESSION IS ACCEPTABLE SO LONG AS IT DOES NOT
AFFECT THE OVERALL COPLANARITY OF TAIL.

6 COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL
ON A FLAT SURFACE.

7 CAP TO BE LOCATED AS CENTRAL OF PART AS POSSIBLE
TOP SURFACE OF CAP TO BE FLAT FOR THE PURPOSE OF
PICK & PLACE BY VACUUM SUCTION NOZZLE.

8. FOR ILLUSTRATION PURPOSES, 12CKT IS SHOWN.

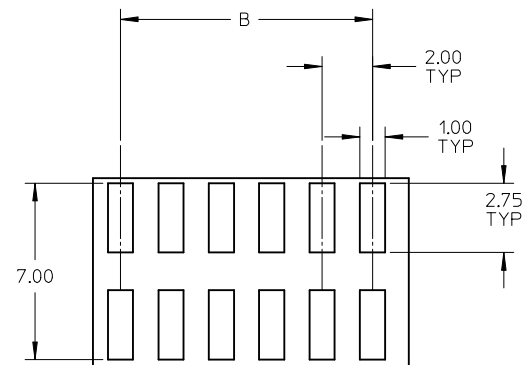
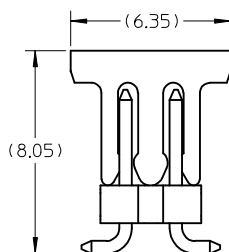
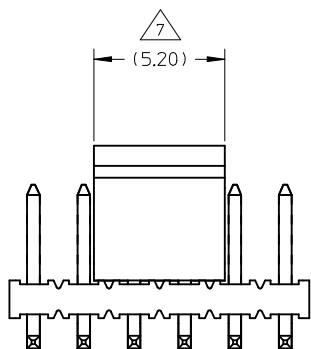
9 CKT 4 & 6 IS CUT FROM CKT 8 & 12 RESPECTIVELY
ROUGH EDGES ARE EXPECTED ALONG THE CUTTING EDGES.

10 PART TO BE PACKED IN TRAY ONLY.

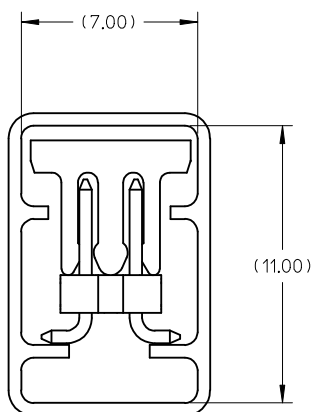
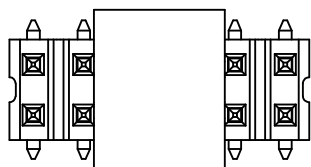
11. TUBE LENGTH IS 560MM REF STANDARD.

REVISE EMBOSSED TAPE EC NO: S2012-0908 2012/06/04 DRWN:SKANG CHKD:ATSEE 2012/09/18 APPR:MLONG 2012/09/19	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 KSEE	DATE 2003/12/12	TITLE CUSTOM HEADER MGRID, 2MM DUAL ROW HDR. SMT			
			4 PLACES	± ---	± ---	CHECKED BY KCL ING	DATE 2004/01/12				
			3 PLACES	± ---	± ---	APPROVED BY SKTOH	DATE 2004/01/12	molex MOLEX INCORPORATED			
			2 PLACES	± 0.2	± ---	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87759-117				
B7	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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

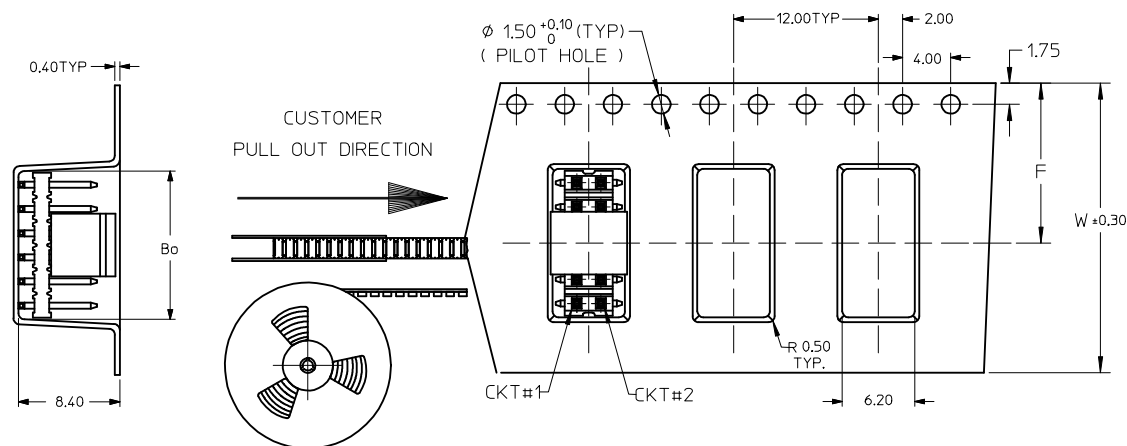


RECOMMENDED SOLDER PAD LAYOUT



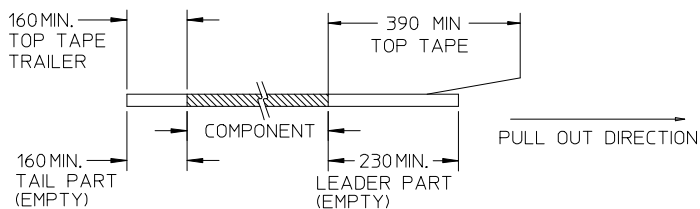
REVISE EMBOSSED TAPE				QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
EC NO: S2012-0908				▼=0		mm		DRAWN BY		DATE	TITLE	CUSTOM HEADER MGRID, 2MM DUAL ROW HDR. SMT		
DRWN:SKANG				▽=0		INCH		KSEE		2003/12/12	CHECKED BY			DATE
CHKD:ATSEE						4 PLACES ± --- ± ---		KCLING		2004/01/12	APPROVED BY			DATE
APPR:MLONG						3 PLACES ± --- ± ---		SKTOH		2004/01/12	MOLEX	MOLEX INCORPORATED		
						2 PLACES ± 0.2 ± ---		MATERIAL NO.		DOCUMENT NO.	SD-87759-117	SHEET NO.		
						1 PLACE ± --- ± ---		SIZE		A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	2 OF 7		
B7						ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						

EMBOSSED CARRIER TAPE TYPE "A"

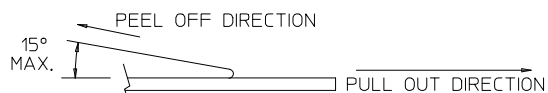


NOTES:

12. LEADER AND TRAILER TAPE



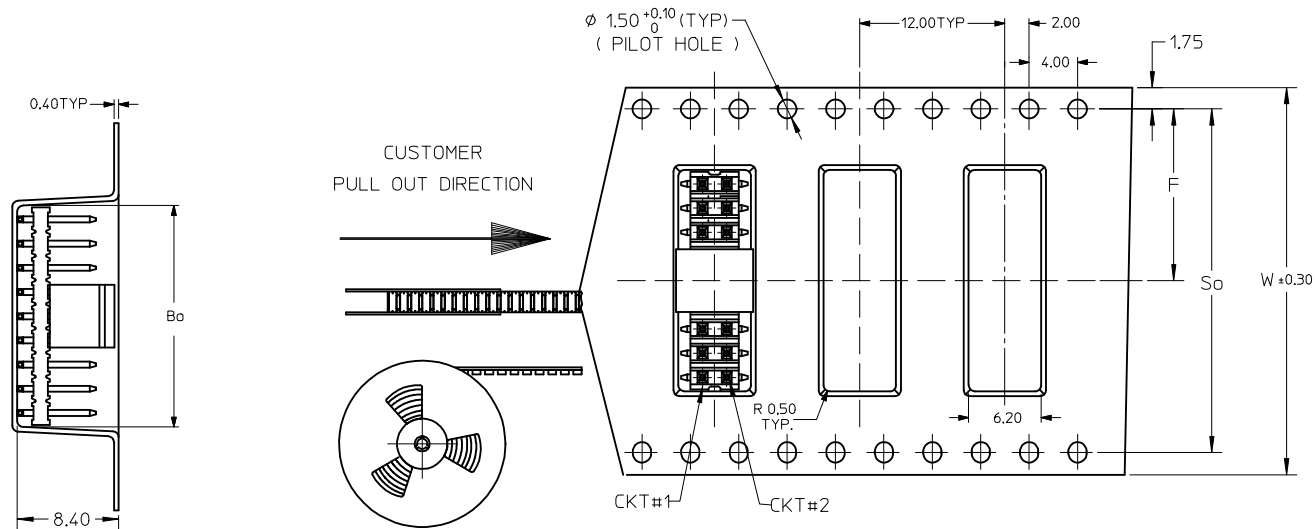
13. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf. (PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



- 14. PACKAGING STANDARD IS AS PER EIA-481.
- 15. TAPE & REEL QUANTITY = SEE TABLE
- 16. THE TAPE IS TREATED FOR ANTI-STATIC

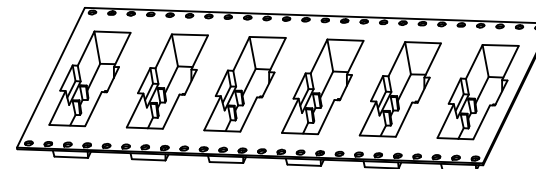
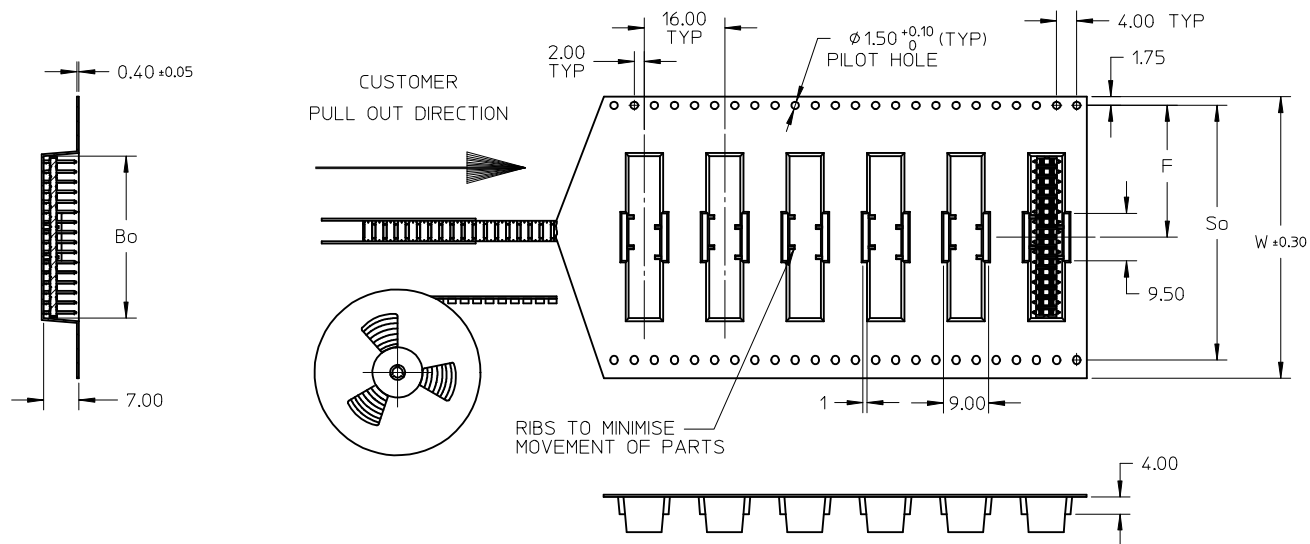
REVISE EMBOSSED TAPE EC NO: S2012-0908 DRWN:SKANG CHKD:ATSEE APPR:MLONG REV B7	DESCRIPTION 2012/06/04 2012/09/18 2012/09/19	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					DRAWN BY KSEE	DATE 2003/12/12	TITLE CUSTOM HEADER MGRID, 2MM DUAL ROW HDR. SMT				
					CHECKED BY KCL ING	DATE 2004/01/12					
					APPROVED BY SKTOH	DATE 2004/01/12	MOLEX INCORPORATED SD-87759-117				
			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											

EMBOSSED CARRIER TAPE TYPE "B"



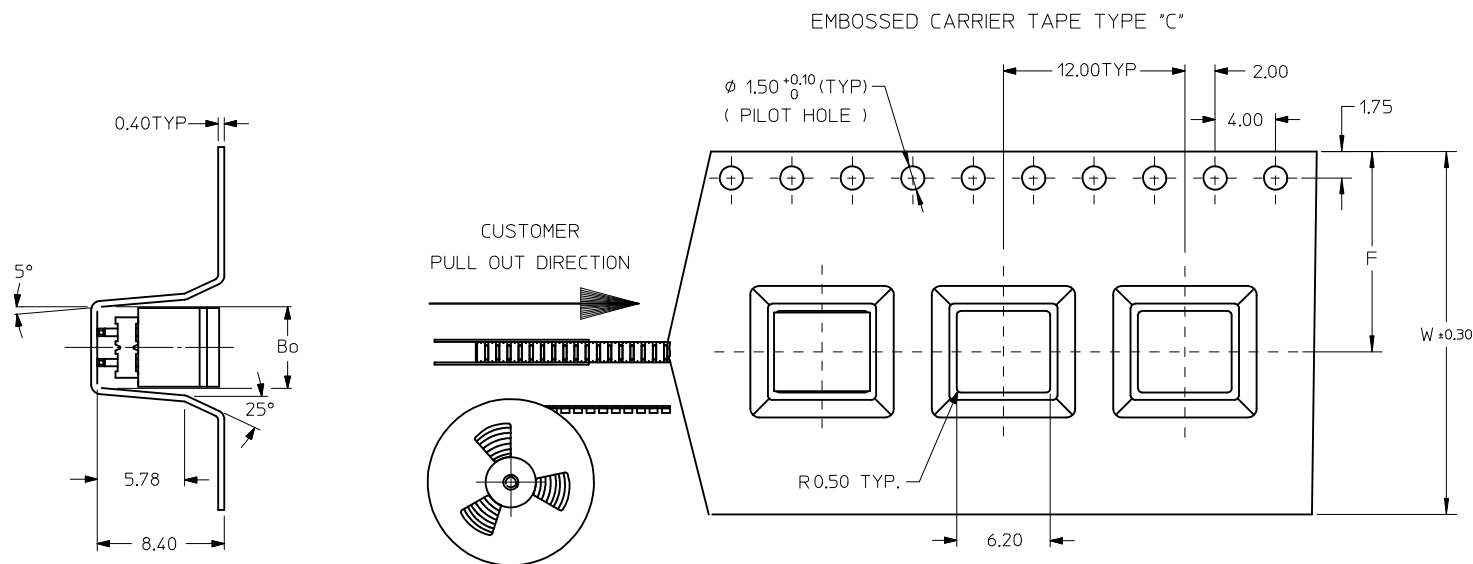
REVISE EMBOSSED TAPE EC NO: S2012-0908 2012/06/04 DRWN:SKANG CHKD:ATSEE 2012/09/18 APPR:MLONG 2012/09/19	QUALITY SYMBOLS ▽=0 ◻=0	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY	DATE	TITLE CUSTOM HEADER MGRID, 2MM DUAL ROW HDR. SMT				
			4 PLACES	± ---	± ---	KSEE	2003/12/12					
			3 PLACES	± ---	± ---	CHECKED BY	DATE					
			2 PLACES	± 0.2	± ---	KCLING	2004/01/12	MOLEX INCORPORATED				
			1 PLACE	± ---	± ---	APPROVED BY	DATE					
			ANGULAR ± 3 °		SKTOH	2004/01/12	MOLEX					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
					SEE TABLE		SD-87759-117		4 OF 7			
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

EMBOSSED CARRIER TAPE TYPE 'B1'



REVISE EMBOSSED TAPE EC NO: S2012-0908 2012/06/04 DRWN:SKANG CHKD:ATSEE 2012/09/18 APPR:MLONG 2012/09/19	DESCRIPTION REV	QUALITY SYMBOLS ▽_F=0 ▽_F=0 ▽_F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY KSEE	DATE 2003/12/12	TITLE CUSTOM HEADER MGRID, 2MM DUAL ROW HDR. SMT molex		
			4 PLACES	± ---	± ---	CHECKED BY KCLING	DATE 2004/01/12			
			3 PLACES	± ---	± ---	APPROVED BY SKTOH	DATE 2004/01/12			
			2 PLACES	± 0.2	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.
			1 PLACE	± ---	± ---	SEE TABLE		SD-87759-117		5 OF 7
			0 PLACE	±	±	SIZE A3		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							

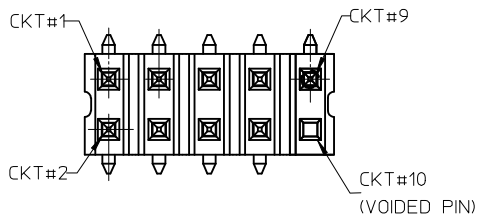
THIS TYPE OF CARRIER IS FOR CKT SIZE 8 AND BELOW.



REVISE EMBOSSED TAPE EC NO: S2012-0908 DRWN:SKANG CHKD:ATSEE APPR:MLONG B7	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
					DRAWN BY KSEE	DATE 2003/12/12	TITLE CUSTOM HEADER MGRID, 2MM DUAL ROW HDR. SMT					
					CHECKED BY KCLING	DATE 2004/01/12						
					APPROVED BY SKTOH	DATE 2004/01/12						
					ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87759-117		6 OF 7	
							SIZE A3	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								
	PART NUMBER WITHOUT CAP IN TUBE	PART NUMBER WITH CAP IN TUBE	PART NUMBER WITH CAP IN TAPE AND REEL.	PART NUMBER WITHOUT CAP IN TAPE AND REEL.	CKT SIZE	VOID CKTS	A	B	Bo	F	So	W	EMBOSSED TYPE	QTY/ REEL	PLATING OPTION										
F	87759-0414 	87759-0464	87759-0474	-	4	--	NA	2.00	5.40	11.50	-	24.00	C	750	1				F						
	87759-0614 	87759-0664	87759-0674	-	6	--	NA	4.00	7.20	11.50	-	24.00	C												
	87759-0814	87759-0864	87759-0874	-	8	--	7.90	6.00	8.20	11.50	-	24.00	C												
	87759-1014	87759-1064	87759-1074	-	10	--	9.90	8.00	10.20	11.50	-	24.00	A												
E	87759-1002 	87759-1003 	87759-1004 	-	10	10	9.90	8.00	10.20	11.50	-	24.00	A			750	1	E							
	87759-1214	87759-1264	87759-1274	-	12	--	11.90	10.00	12.20	11.50	-	24.00	A												
	87759-1414	87759-1464	87759-1474	-	14	--	13.90	12.00	14.20	11.50	-	24.00	A												
	87759-1614	87759-1664	87759-1674	-	16	--	15.90	14.00	16.20	14.20	28.40	32.00	B												
	87759-1814	87759-1864	87759-1874	-	18	--	17.90	16.00	18.20	14.20	28.40	32.00	B												
	87759-2014	87759-2064	87759-2074	-	20	--	19.90	18.00	20.20	14.20	28.40	32.00	B												
D	87759-2214	87759-2264	87759-2274	-	22	--	21.90	20.00	22.20	20.20	40.40	44.00	B					750	1	D					
	87759-2414	87759-2464	87759-2474	-	24	--	23.90	22.00	24.20	20.20	40.40	44.00	B												
	87759-2614	87759-2664	87759-2674	-	26	--	25.90	24.00	26.20	20.20	40.40	44.00	B												
	87759-2814	87759-2864	87759-2874	-	28	--	27.90	26.00	28.20	20.20	40.40	44.00	B												
	87759-3014	87759-3064	87759-3074	-	30	--	29.90	28.00	30.20	20.20	40.40	44.00	B												
	87759-3214	87759-3264	87759-3274	-	32	--	31.90	30.00	32.20	20.20	40.40	56.00	B												
C	87759-3414	87759-3464	87759-3474	-	34	--	33.90	32.00	34.20	26.20	52.40	56.00	B							750	1	C			
	87759-3614	87759-3664	87759-3674	-	36	--	35.90	34.00	36.20	26.20	52.40	56.00	B												
	-	-	-	87759-3679		--	35.90	34.00	36.20	26.20	52.40	56.00	B1	500											
	87759-3814	87759-3864	87759-3874	-	38	--	37.90	36.00	38.20	26.20	52.40	56.00	B	750									1	B	
	87759-4014	87759-4064	87759-4074	-	40	--	39.90	38.00	40.20	26.20	52.40	56.00	B												
	87759-4214	87759-4264	87759-4274	-	42	--	41.90	40.00	42.20	26.20	52.40	56.00	B												
B	87759-4414	87759-4464	87759-4474	-	44	--	43.90	42.00	44.20	26.20	52.40	56.00	B			750						1			B
	87759-4614	87759-4664	87759-4674	-	46	--	45.90	44.00	46.20	26.20	52.40	56.00	B												
	87759-4814	87759-4864	87759-4874	-	48	--	47.90	46.00	48.20	26.20	52.40	56.00	B												
	87759-5014	87759-5064	87759-5074	-	50	--	49.90	48.00	50.20	34.20	68.40	72.00	B												

 NOTES:
VOIDED PIN CKT#10 FOR PART#87759-1002



REVISE EMBOSSED TAPE EC NO: S2012-0908 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2012/06/04 2012/09/18 2012/09/19	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					DRAWN BY DATE		TITLE CUSTOM HEADER MGRID, 2MM DUAL ROW HDR. SMT				
					KSEE 2003/12/12						
					CHECKED BY DATE						
					KCL ING 2004/01/12						
					APPROVED BY DATE		MOLEX MOLEX INCORPORATED				
					SKTOH 2004/01/12						
			ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87759-117		7 OF 7		
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						