

Excellent Integrated System Limited

Stocking Distributor

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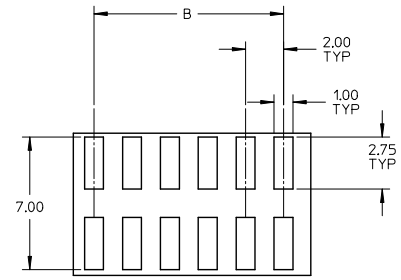
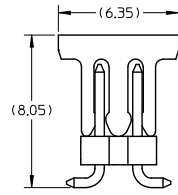
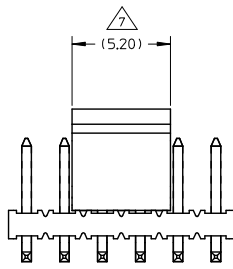
[Molex Connector Corporation](#)
[0877594014](#)

For any questions, you can email us directly:

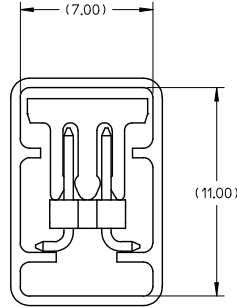
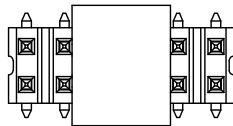
sales@integrated-circuit.com



tb_frame_A3_P_AM_T
Rev. E 2006/04/15

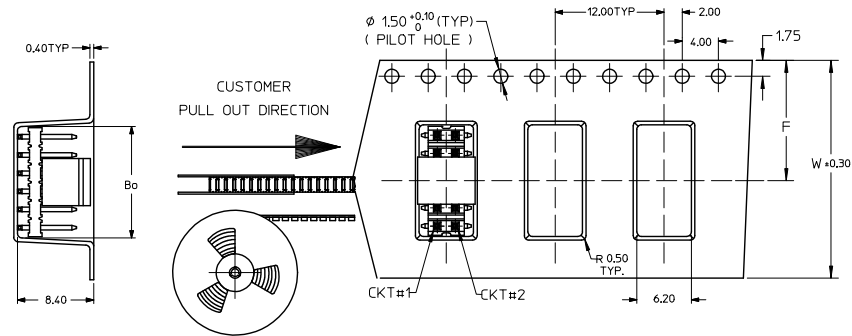


RECOMMENDED SOLDER PAD LAYOUT



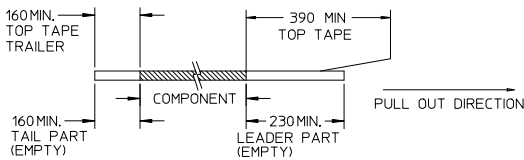
REVISE EMBOSSED TAPE		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
EC NO: S2012-0908	2012/06/04	DRWN:SKAG	2012/09/18	4 PLACES	± ---	mm	INCH	MM ONLY	NTS	METRIC	◎
CHKD:ATSEE	2012/09/18	APPR:MLONG	2012/09/19	3 PLACES	± ---	± ---	± ---	DRAWN BY	DATE	TITLE	
B7				2 PLACES	± 0.2	± ---	± ---	CHECKED BY	DATE	CUSTOM HEADER	
				1 PLACE	± ---	± ---	± ---	KCLING	2004/01/12	MGRID, 2MM DUAL ROW HDR.	
				ANGULAR ± 3 °		APPROVED BY		DATE	2004/01/12	SMT	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE		MATERIAL NO.		DOCUMENT NO.		MOLEX INCORPORATED	
						SD-87759-117		SHEET NO.		2 OF 7	
						SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX		INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
						A3					

EMBOSSED CARRIER TAPE TYPE "A"

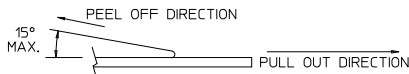


NOTES:

12. LEADER AND TRAILER TAPE



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



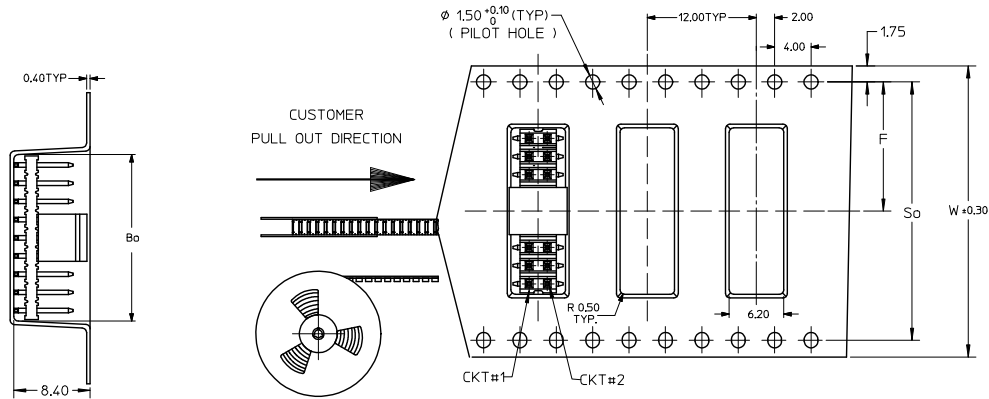
14. PACKAGING STANDARD IS AS PER EIA-481.

15. TAPE & REEL QUANTITY = SEE TABLE

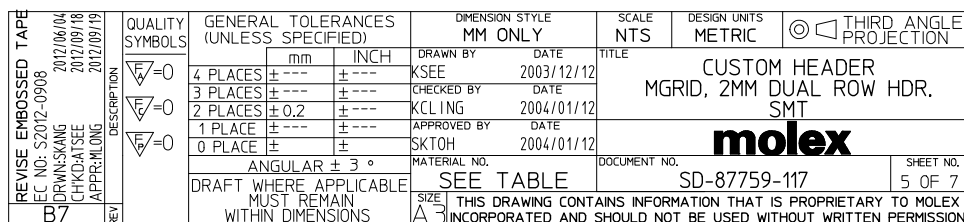
16. THE TAPE IS TREATED FOR ANTI-STATIC

REVISE EMBOSSED TAPE			QUALITY SYMBOLS			GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE			SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION			
EC NO. S2012-0908			2012/06/04						MM ONLY			NTS		METRIC					
DRW:SKANG			2012/09/18						DRAWN BY			DATE		TITLE					
CHKD:ATSEE			2012/09/19						CHECKED BY			DATE		CUSTOM HEADER					
APPR:MLONG									KCLING			2004/01/12		MGRID, 2MM DUAL ROW HDR.					
			▽=0			mm			INCH					SMT					
			▽=0			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		SD-87759-117			
						DRAFT WHERE APPLICABLE			SEE TABLE			MATERIAL NO.		DOCUMENT NO.					
						MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			SIZE		A3		SHEET NO.			
																3 OF 7			

EMBOSSED CARRIER TAPE TYPE "B"



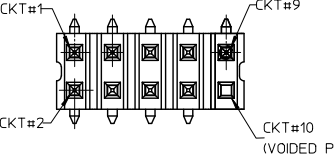
REVISE EMBOSSED TAPE EC NO: S2012-0908 DRAWN: KANG CHKD: SEE APPR: M LONG DATE: 2017/06/04 2017/09/18 2017/09/19	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	CUSTOM HEADER MGRID, 2MM DUAL ROW HDR. SMT MOLEX INCORPORATED SD-87759-117 SHEET NO. 4 OF 7
				mm	INCH	DRAWN BY KSEE	DATE 2003/12/12	TITLE			
			4 PLACES	± ---	± ---	CHECKED BY	DATE				
			3 PLACES	± ---	± ---	KCLING	2004/01/12				
			2 PLACES	± 0.2	± ---	APPROVED BY	DATE				
			1 PLACE	± ---	± ---	SKTOH	2004/01/12				
			ANGULAR ± 3 °			MATERIAL NO. SEE TABLE			DOCUMENT NO. SD-87759-117		
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					



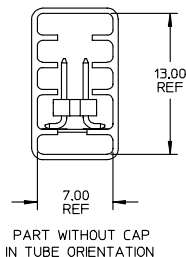
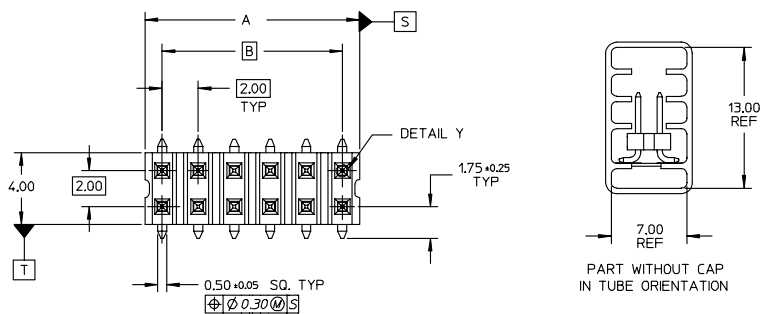
Technical drawing of a square plate with the following specifications:

- Dimensions:**
 - Overall width: $W \pm 0.30$
 - Overall height: F
 - Distance between center lines of squares: 12.00 TYP
 - Distance from right edge to center line of last square: 2.00
 - Distance from center line of last square to right edge: 4.00
 - Distance from center line of first square to left edge: 6.20
 - Radius of square corners: $R0.50 \text{ TYP}$
 - Distance from top edge to center line of squares: 1.75
- Features:**
 - Three square holes with rounded corners.
 - Eight circular holes along the top edge, with the first one labeled $\phi 1.50^{+0.10}_{-0} \text{ (TYP)}$ and (PILOT HOLE) .
 - A circular feature on the left side with a crosshair, labeled "CUSTOMER PULL OUT DIRECTION" with an arrow pointing right.

tb_frame_A3_P_AM_T
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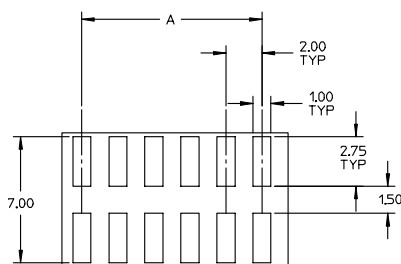
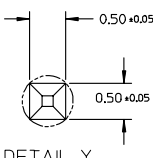
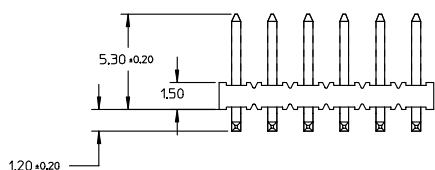
	10	9	8	7	6	5	4	3	2	1									
F	PART NUMBER WITHOUT CAP IN TUBE	PART NUMBER WITH CAP IN TUBE	PART NUMBER WITH CAP IN TAPE AND REEL.	PART NUMBER WITHOUT CAP IN TAPE AND REEL.	CKT SIZE	VOID CKTS	A	B	Bo	F	So	W	EMBOSSD TYPE	QTY/ REEL	PLATING OPTION	F			
	87759-0414 	87759-0464	87759-0474	-	4	--	NA	2.00	5.40	11.50	-	24.00	C	750	1				
	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						
	87759-1002 	87759-1003 	87759-1004 	-	10	10	9.90	8.00	10.20	11.50	-	24.00	A						
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						
	87759-2214	87759-2264	87759-2274	-	22	--	21.90	20.00	22.20	20.20	40.40	44.00	B						
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						
	87759-3414	87759-3464	87759-3474	-	34	--	33.90	32.00	34.20	26.20	52.40	56.00	B						
C	87759-3614	87759-3664	87759-3674	-	36	--	35.90	34.00	36.20	26.20	52.40	56.00	B	500					
	-	-	-	87759-3679	36	--	35.90	34.00	36.20	26.20	52.40	56.00	B1						
	87759-3814	87759-3864	87759-3874	-	38	--	37.90	36.00	38.20	26.20	52.40	56.00	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						
	87759-4414	87759-4464	87759-4474	-	44	--	43.90	42.00	44.20	26.20	52.40	56.00	B	750					
	87759-4614	87759-4664	87759-4674	-	46	--	45.90	44.00	46.20	26.20	52.40	56.00	B						
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						
A	 NOTES: VOIDED PIN CKT#10 FOR PART#87759-1002				REVISE EMBOSSED TAPE EC NO: S2012-0908 2012/06/04 DRWN:SKMG CHKD:ATSEE APPR:MLONG 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	
								4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.2 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °			DRAWN BY DATE KSEE 2003/12/12 CHECKED BY DATE KCLING 2004/01/12 APPROVED BY DATE SKTOH 2004/01/12			TITLE CUSTOM HEADER MGRID, 2MM DUAL ROW HDR. SMT					
								DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE TABLE			DOCUMENT NO. SD-87759-117		SHEET NO. 7 OF 7			
								SIZE A3			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
	ib_frame_A3_P_AM.T Rev. E 2006/04/15	9	8	7	6	5	4	3	2	1									

87759

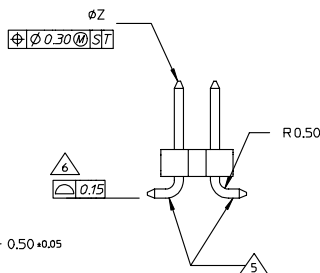


NOTE:

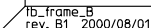
1. MATERIAL:
HSG & CAP - HIGH TEMPERATURE THERMOPLASTIC,
UL 94V-0, COLOUR BLACK
PIN - 0.50 SQ PHOSPHOR BRONZE
2. PLATING:
**84 - 0.38um MIN GOLD PLATE AT CONTACT AREA,
TIN PLATE AT SOLDER AREA,
BOTH OVER NICKEL UNDERPLATE
**85 - 0.76um MIN GOLD PLATE AT CONTACT AREA,
TIN PLATE AT SOLDER AREA,
BOTH OVER NICKEL UNDERPLATE
(** - REPRESENTS DIFFERENT CKT SIZE , SEE TABLE AT SHT 3)
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 GAUGE 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. 18CKT IS SHOWN ON SHT 2 FOR TAPE & REEL.
9. TUBE LENGTH IS 560MM REF STANDARD.

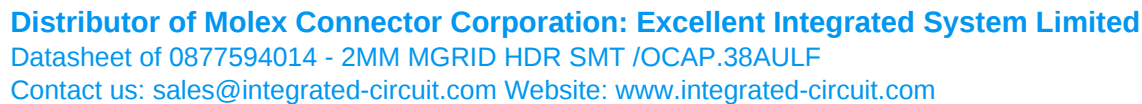


RECOMMENDED SOLDER PAD LAYOUT



EC NO: S2004-0298 DRAWN: KSEE 2004/01/30 CHKD: KCLING 2004/01/30 APPR: SKTOH 2004/02/05	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE NTS	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
					mm	INCH	DIMENSION STYLE		TITLE		
					4 PLACES	± ---	± ---			MM ONLY	
					3 PLACES	± ---	± ---			DRAWN BY DATE	
					2 PLACES	± 0.2	± ---			KSEE 2003/12/23	
A	A	DESCRIPTION		1 PLACE	± ---	± ---	CHECKED BY DATE		MOLEX INCORPORATED		
				ANGULAR ± 3 °		KCLING 2004/01/12					
				DRAFT WHERE APPLICABLE		APPROVED BY DATE	MATERIAL NO.			DOCUMENT NO.	SHEET NO.
				MUST REMAIN WITHIN DIMENSIONS		SKTOH 2004/01/12	SEE TABLE			SD-87759-215	1 OF 3
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						B	





	10	9	8		7		6		5	4	3	2	87759
	PART NUMBER WITHOUT CAP IN TUBE	PART NUMBER WITHOUT CAP IN TAPE & REEL.	CKT SIZE	A	B	Bo	F	So	W	EMBOSSED TYPE			
F	87759-4014	87759-4084	40	39.90	38.00	40.20	26.20	52.40	56.00	B			
	87759-4015	87759-4085	40	39.90	38.00	40.20	26.20	52.40	56.00	B			
E													
D													
C													
B													
A													
1b_frame_B rev. B1 2000/08/01 87759 87759-4014 87759-4084 87759-4015 87759-4085 87759-4014													