

10 9 8 7 6 5 4 3 2 1

F

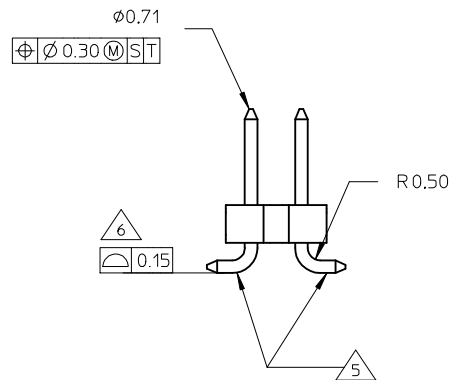
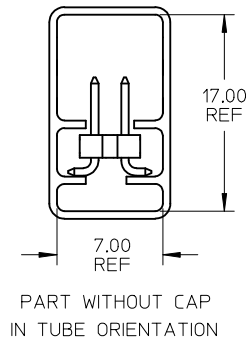
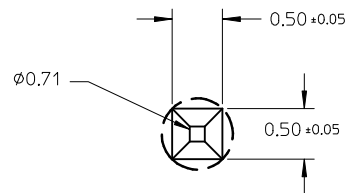
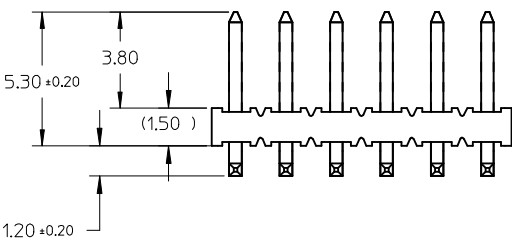
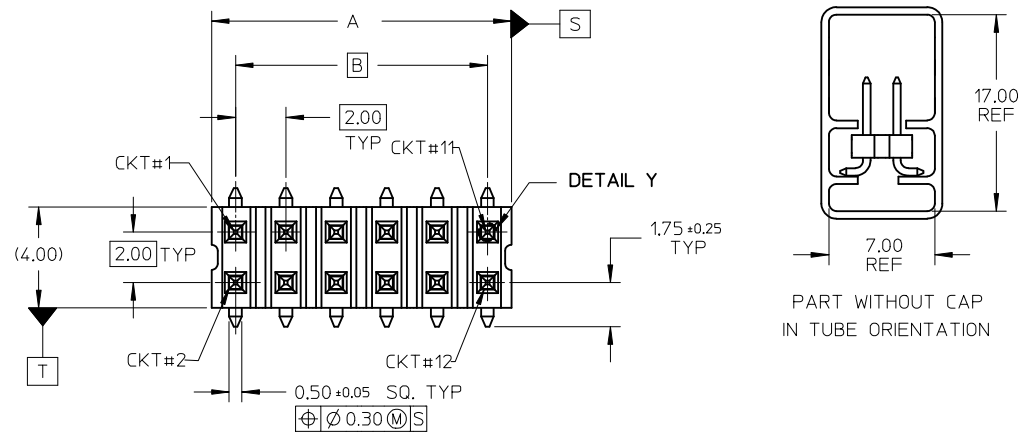
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NOTE:

1. MATERIAL:

HSG & CAP - NYLON, GLASS FILLED
UL 94V-0, COLOUR BLACK

PIN - 0.50 SQ PHOSPHOR BRONZE

2. PLATING OPTION:

- (1) 0.76µm MIN GOLD PLATE AT CONTACT AREA,
TIN PLATE AT SOLDER AREA,
BOTH OVER NICKEL UNDERPLATE
- (2) 0.38µm MIN GOLD PLATE AT CONTACT AREA,
TIN PLATE AT SOLDER AREA,
BOTH OVER NICKEL UNDERPLATE
- (3) 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. PACKAGING SPECIFICATION:

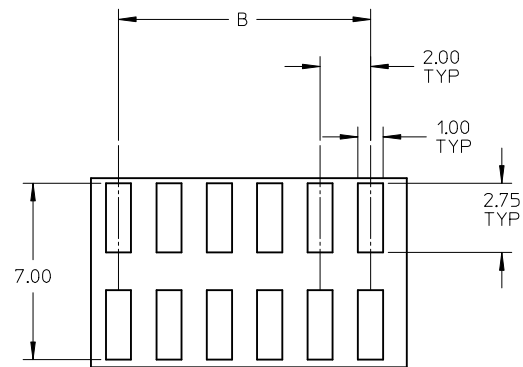
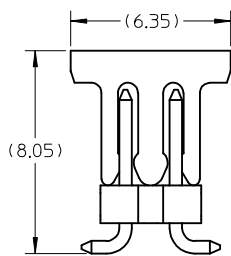
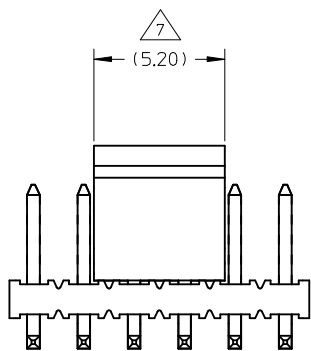
FOR TRAY: PK-89990-487

FOR TUBE: PK-89990-476/ PK-89990-474/ PK-89990-475

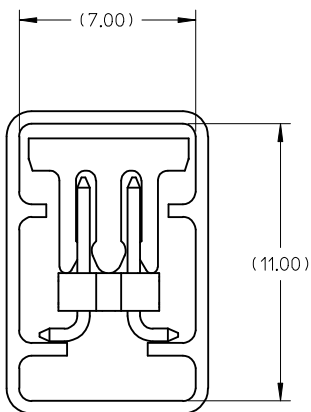
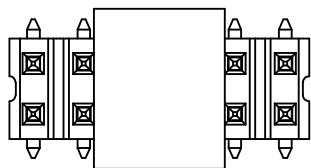
FOR T&R: PK-89990-484/ 485

DETAIL Y

CORRECT -04/14/5 PK EC NO: S2018-0096 2017/08/31 DRWN:FC500 CHKD:CGOH 2017/10/01 APPR:KHLIM 2017/10/02	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 KCLING	DATE 2004/01/12					
			3 PLACES	± ---	± ---	APPROVED BY SKTOH	DATE 2004/01/12					
			2 PLACES	± 0.2	± ---	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87759-117		SHEET NO. 1 OF 8		
1 PLACE	± ---	± ---	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					
ANGULAR ± 3 °												



RECOMMENDED SOLDER PAD LAYOUT





CORRECT -04/14/15 PK EC NO: S2018-0096 DRWN:FC500 2017/08/31 CHKD:CGOH 2017/10/01 APPR:KHLIM 2017/10/02	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		2 OF 8		
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

[illegible]

Diagram illustrating the dimensions and pull-out direction for a tape component:

- 160 MIN. TOP TAPE TRAILER
- 390 MIN. TOP TAPE
- 160 MIN. TAIL PART (EMPTY)
- COMPONENT
- 230 MIN. LEADER PART (EMPTY)
- PULL OUT DIRECTION (indicated by an arrow pointing right)

<p>CORRECT --0414/5 PK</p> <p>EC NO: S2018--0096</p> <p>DRWN:JCS00</p> <p>CHK'D:GGH</p> <p>APPR:KHLIM</p> <p>B9</p>	<p>2017/08/31</p> <p>2017/10/01</p> <p>2017/10/02</p>	<p>DESCRIPTION</p>	<p>QUALITY SYMBOLS</p> <p>▼=0</p> <p>▽=0</p>	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.2</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td colspan="3">ANGULAR ± 3 °</td> </tr> </tbody> </table> <p>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.2	± ---	1 PLACE	± ---	± ---	ANGULAR ± 3 °			<p>DIMENSION STYLE</p> <p>MM ONLY</p> <table border="1"> <thead> <tr> <th>DRAWN BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>KSEE</td> <td>2003/12/12</td> </tr> <tr> <th>CHECKED BY</th> <th>DATE</th> </tr> <tr> <td>KCLING</td> <td>2004/01/12</td> </tr> <tr> <th>APPROVED BY</th> <th>DATE</th> </tr> <tr> <td>SKTOH</td> <td>2004/01/12</td> </tr> <tr> <th colspan="2">MATERIAL NO.</th> </tr> <tr> <td colspan="2">SEE TABLE</td> </tr> </tbody> </table> <p>SIZE A3</p>	DRAWN BY	DATE	KSEE	2003/12/12	CHECKED BY	DATE	KCLING	2004/01/12	APPROVED BY	DATE	SKTOH	2004/01/12	MATERIAL NO.		SEE TABLE		<p>SCALE</p> <p>NTS</p>	<p>DESIGN UNITS</p> <p>METRIC</p>	<p>THIRD ANGLE PROJECTION</p> <p></p>	<p>TITLE</p> <p>CUSTOM HEADER</p> <p>MGRID, 2MM DUAL ROW HDR.</p> <p>SMT</p> <p> MOLEX INCORPORATED</p> <p>DOCUMENT NO. SD-87759-117</p> <p>SHEET NO. 3 OF 8</p>
		mm	INCH																																								
	4 PLACES	± ---	± ---																																								
	3 PLACES	± ---	± ---																																								
	2 PLACES	± 0.2	± ---																																								
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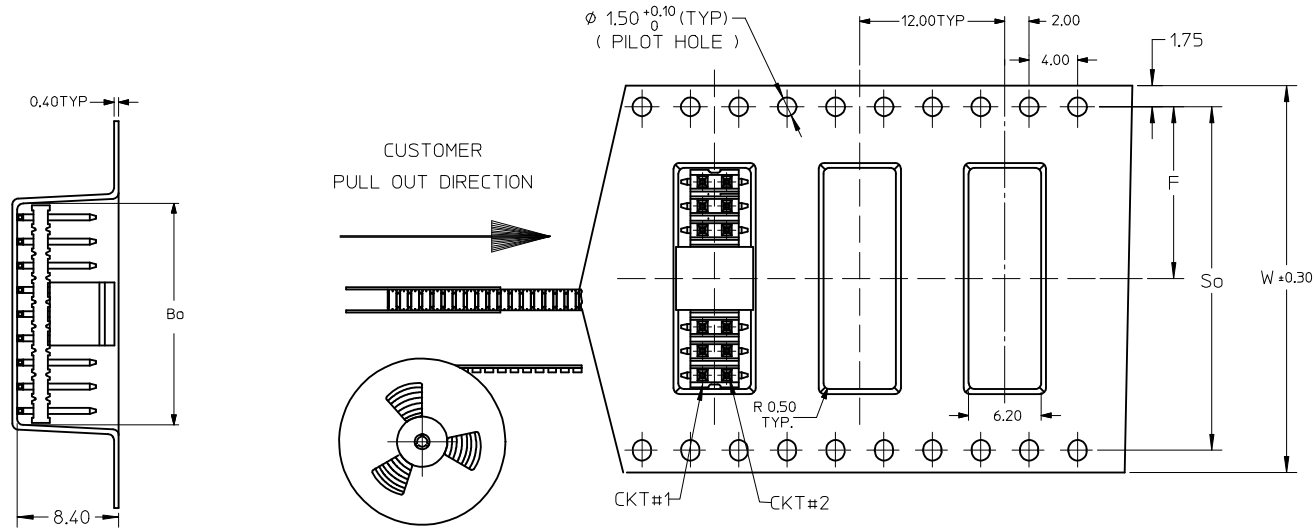
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EMBOSED CARRIER TAPE TYPE "B"



CORRECT -0414/5 PK EC NO: S2018-0096 2017/08/31 DRWN:FC500 CHKD:CGH 2017/10/01 APPR:KHLIM 2017/10/02	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	MOLEX INCORPORATED				
			ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87759-117		4 OF 8		
B9			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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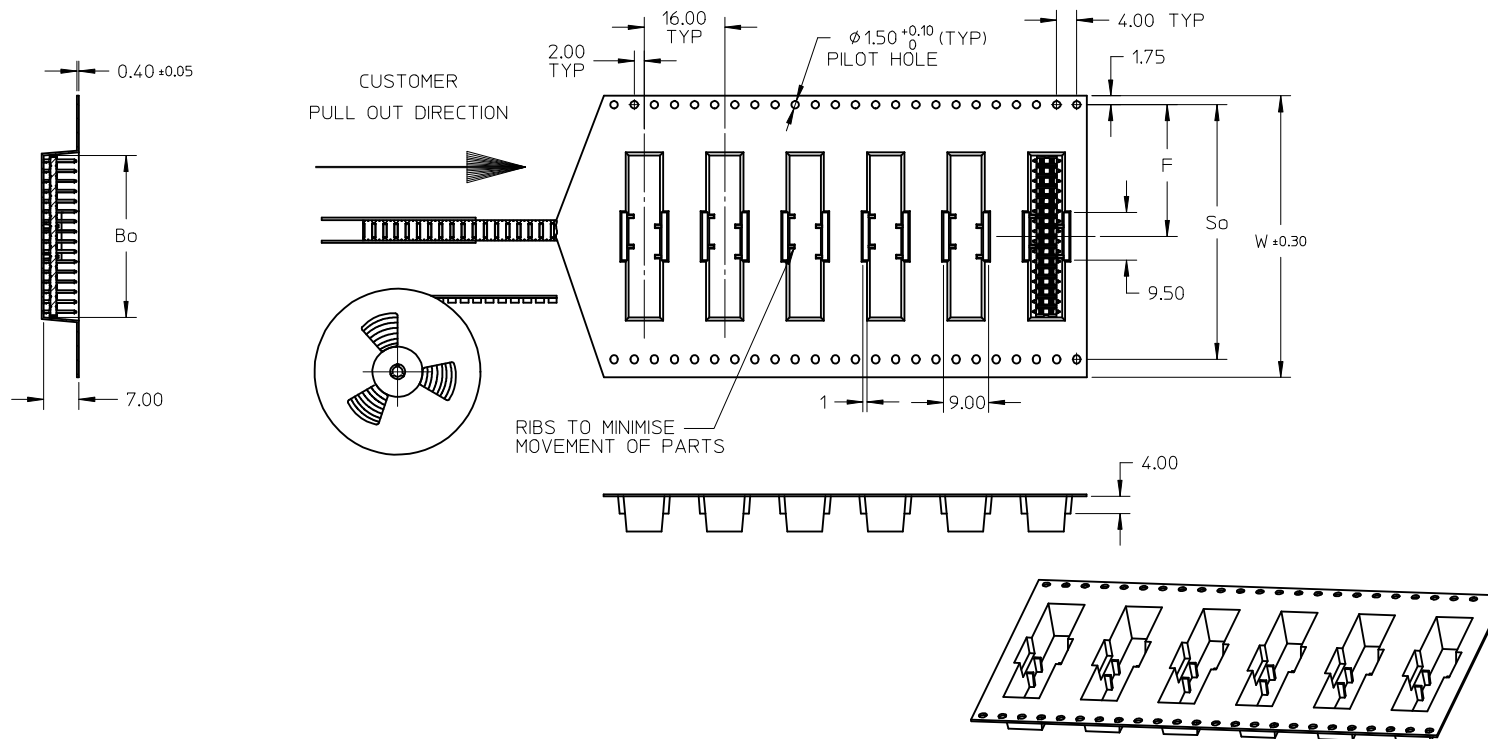
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EMBOSSED CARRIER TAPE TYPE 'B1'



CORRECT -0414/5 PK EC NO: S2018-0096 DRAWN: FCS00 CHKD: CGOH APPR: KHL IM B9	2017/08/31 2017/10/01 2017/10/02	DESCRIPTION REV	QUALITY SYMBOLS <div><div>F_A=0</div><div>F_C=0</div><div>F_B=0</div></div>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	<div><div></div><div></div></div> THIRD ANGLE PROJECTION		
						DRAWN BY DATE		TITLE CUSTOM HEADER MGRID, 2MM DUAL ROW HDR. SMT molex				
						CHECKED BY DATE						
						APPROVED BY DATE						
						SKTOH 2004/01/12						
						MATERIAL NO.					DOCUMENT NO.	SHEET NO.
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87759-117			5 OF 8	
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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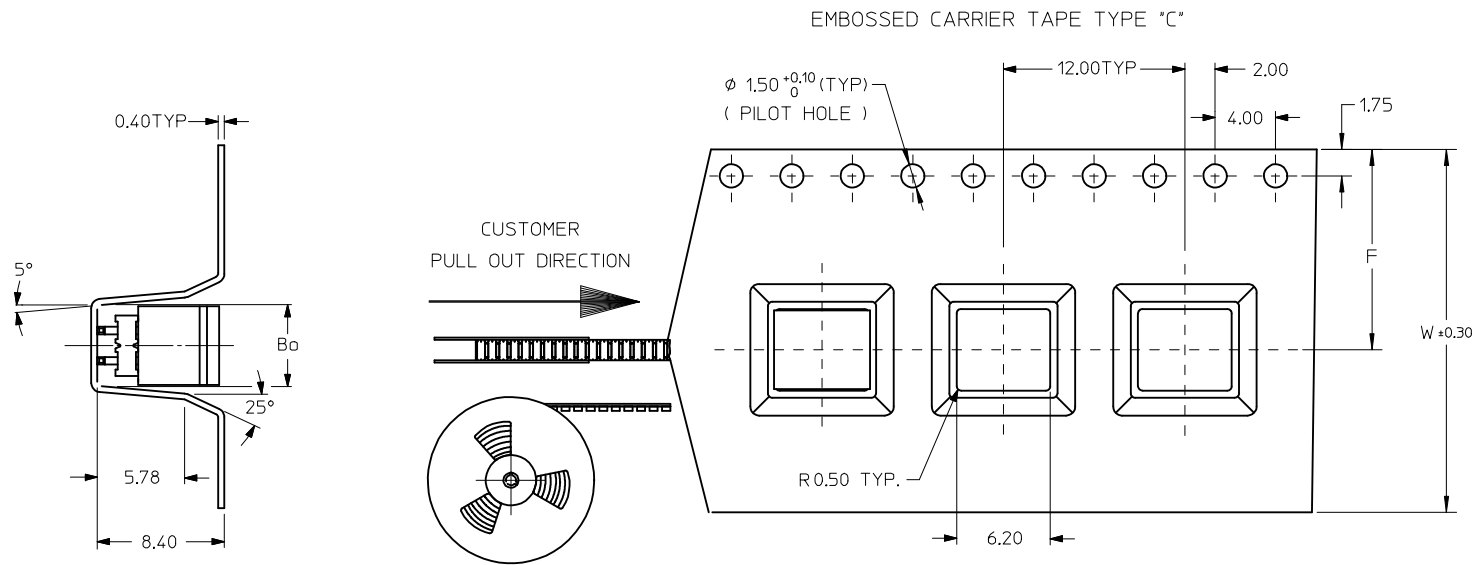
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10 9 8 7 6 5 4 3 2 1

EMBOSSED CARRIER TAPE TYPE "C"
THIS TYPE OF CARRIER IS FOR CKT SIZE 8 AND BELOW.





CORRECT -0414/5 PK EC NO: S2018-0096 2017/08/31 DRWN:FC500 CHKD:CGOH 2017/10/01 APPR:KHLIM 2017/10/02	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 8	
							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		
PART NUMBER WITHOUT CAP IN TRAY		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	2
	-	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		
	-	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		
	-	87759-2414		87759-2464		87759-2474		-		24	--	23.90	22.00	24.20	20.20	40.40	44.00	B		
D	-	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		
	-	87759-3614		87759-3664		87759-3674		-		36	--	35.90	34.00	36.20	26.20	52.40	56.00	B		
C	-	-	-	-	-	87759-3679	-	--	35.90	34.00	36.20	26.20	52.40	56.00	B1	500	750	3		
	-	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
B	-	87759-4414		87759-4464		87759-4474		-		44	--	43.90	42.00	44.20	26.20	52.40			56.00	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
	-	87759-6814		87759-6864		87759-6874		-		8	--	7.90	6.00	8.20	11.50	-	24.00	C		

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10		9		8		7		6		5		4		3		2		1		
PART NUMBER WITHOUT CAP IN TRAY		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	EMBOSSSED TYPE	QTY/ REEL	PLATING OPTION
F	87759-0415	--		87759-0465		87759-0475		--		4 	--	3.90 ±0.38	2.00	5.40	11.50	-	24.00	C	750	1
	--	87759-0615		87759-0665		87759-0675		--		6 	--	5.90 ±0.38	4.00	7.20	11.50	-	24.00	C		
	--	87759-0815		87759-0865		87759-0875		--		8	--	7.90	6.00	8.20	11.50	-	24.00	C		
	--	87759-1015		87759-1065		87759-1075		--		10	--	9.90	8.00	10.20	11.50	-	24.00	A		
E	--	87759-1215		87759-1265		87759-1275		--		12	--	11.90	10.00	12.20	11.50	-	24.00	A		
	--	87759-1415		87759-1465		87759-1475		--		14	--	13.90	12.00	14.20	11.50	-	24.00	A		
	--	87759-1615		87759-1665		87759-1675		--		16	--	15.90	14.00	16.20	14.20	28.40	32.00	B		
	--	87759-1815		87759-1865		87759-1875		--		18	--	17.90	16.00	18.20	14.20	28.40	32.00	B		
D	--	87759-2015		87759-2065		87759-2075		--		20	--	19.90	18.00	20.20	14.20	28.40	32.00	B		
	--	87759-2215		87759-2265		87759-2275		--		22	--	21.90	20.00	22.20	20.20	40.40	44.00	B		
	--	87759-2415		87759-2465		87759-2475		--		24	--	23.90	22.00	24.20	20.20	40.40	44.00	B		
	--	87759-2615		87759-2665		87759-2675		--		26	--	25.90	24.00	26.20	20.20	40.40	44.00	B		
C	--	87759-2815		87759-2865		87759-2875		--		28	--	27.90	26.00	28.20	20.20	40.40	44.00	B		
	--	87759-3015		87759-3065		87759-3075		--		30	--	29.90	28.00	30.20	20.20	40.40	44.00	B		
	--	87759-3215		87759-3265		87759-3275		--		32	--	31.90	30.00	32.20	20.20	40.40	44.00	B		
	--	87759-3415		87759-3465		87759-3475		--		34	--	33.90	32.00	34.20	26.20	52.40	56.00	B		
B	--	87759-3615		87759-3665		87759-3675		--		36	--	35.90	34.00	36.20	26.20	52.40	56.00	B		
	--	87759-3815		87759-3865		87759-3875		--		38	--	37.90	36.00	38.20	26.20	52.40	56.00	B		
	--	87759-4015		87759-4065		87759-4075		--		40	--	39.90	38.00	40.20	26.20	52.40	56.00	B		
	--	87759-4215		87759-4265		87759-4275		--		42	--	41.90	40.00	42.20	26.20	52.40	56.00	B		
A	--	87759-4415		87759-4465		87759-4475		--		44	--	43.90	42.00	44.20	26.20	52.40	56.00	B		
	--	87759-4615		87759-4665		87759-4675		--		46	--	45.90	44.00	46.20	26.20	52.40	56.00	B		
	--	87759-4815		87759-4865		87759-4875		--		48	--	47.90	46.00	48.20	26.20	52.40	56.00	B		
	--	87759-5015		87759-5065		87759-5075		--		50	--	49.90	48.00	50.20	34.20	68.40	72.00	B		