

6

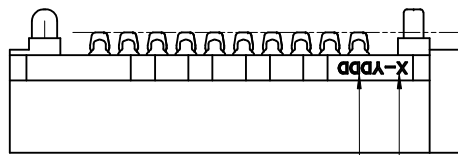
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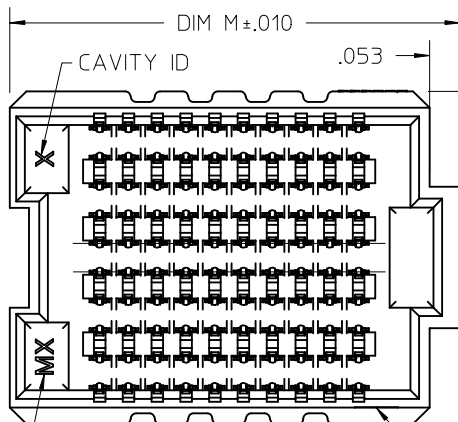
DATE CODE

SEE TABLE
ACROSS ALL
SOLDER CHARGES

LEAD CODE:

1 = TIN

2 = TIN / LEAD

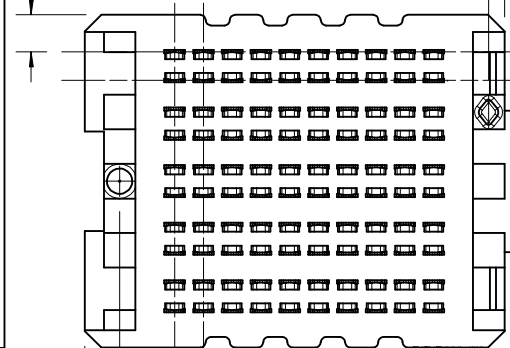


ROW 1 / POSITION 1 ID THIS SIDE

MOLEX
LOGO.050 TYP
TERMINAL PITCH.050 TYP
TERMINAL PITCH

.064

DIM D

SEE SHEET 3 FOR
6 MM GEOMETRY

.060

10 POSITION SHOWN
FOR REFERENCE

ADD 6 ROW VIEWS			
EC NO:	UCP2014-4350	2014/04/18	2014/05/27
DRWN:	RWHIPPLE	2014/04/19	
CHKD:	BBARKER	2014/04/19	
APPR:	SMILLER	2014/05/27	
REV	DESCRIPTION	DATE	BY
V			

QUALITY
SYMBOLS

F=0

F=0

F=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

mm

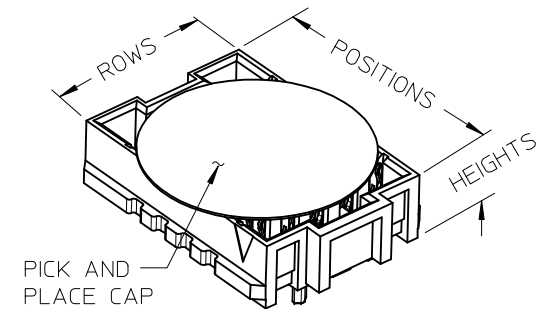
INCH

4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACE	±	±

ANGULAR ±---°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

POSITION	
19	.006
10	.006
20	.006
30	.006
40	.006
50	.006
15	.006
25	.006
35	.009
45	.009

PICK AND
PLACE CAP

NOTES:

1. MATERIALS: HOUSING: LCP, UL94V-0, BLACK
CONTACTS: COPPER ALLOY
SOLDER CHARGE: SEE CHART
2. FINISH: SELECT GOLD IN CONTACT AREA: 30 MICROINCH MINIMUM
SELECT TIN IN TAIL, 50 MICROINCH MINIMUM
OVERALL NICKEL
3. PRODUCT SPECIFICATION: PS-45970-001
4. PACKAGING SPECIFICATION: SEE CHART
5. MATES WITH SEARAY PLUG ASSEMBLY 45970
6. APPLICATION SPECIFICATION: AS-45970-001
7. COSMETIC SPECIFICATION: PS-45499-002 CLASS B
8. PART STATUS: CONTACT MOLEX

DIMENSION STYLE
INCH ONLYSCALE
3:1DESIGN UNITS
INCHTHIRD ANGLE
PROJECTION

DRAWN BY	DATE
TGREGOR I	2005/05/17
CHECKED BY	DATE
JCOMERC I	2005/05/17
APPROVED BY	DATE
JCOMERC I	2010/03/05

TITLE	SEARAY RECEPTACLE ASSEMBLY .050 CENTERS
DOCUMENT NO.	SD-45971-001
SHEET NO.	1 OF 11

SEE CHART

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

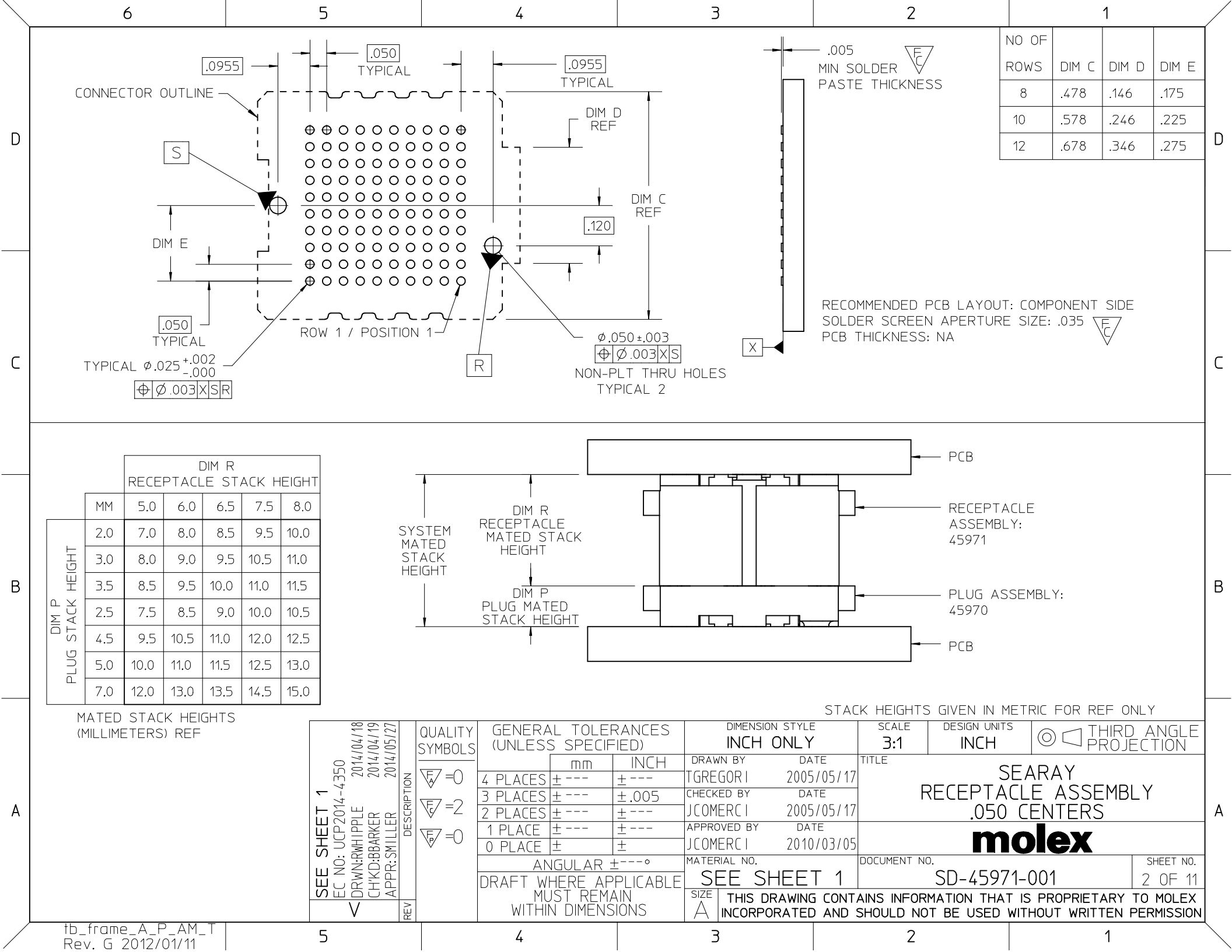
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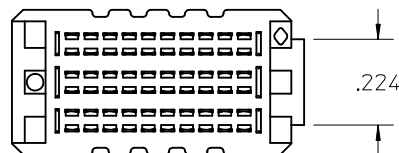
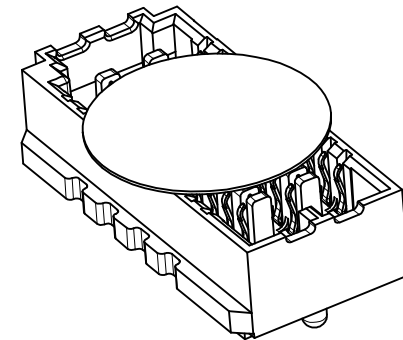
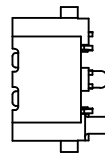
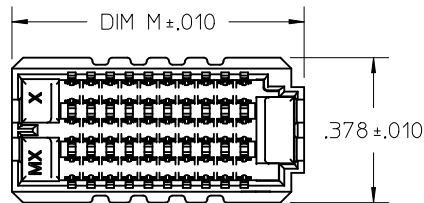
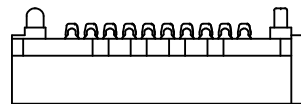
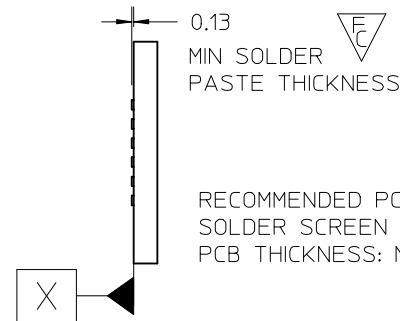
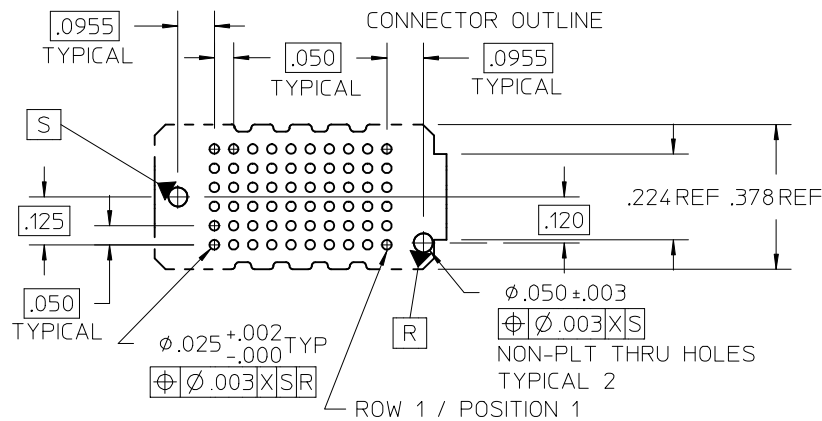
5

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2

1



6 ROW OPTION

SEE SHEET 1 EC NO: UCP2014-4350 DRWN:RWHIPPLE 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27 REV	DESCRIPTION	QUALITY SYMBOLS ▽ =0 ▽ =2 ▽ =0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE INCH ONLY		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY TGREGORI	DATE 2005/05/17	TITLE SEARAY RECEPTACLE ASSEMBLY .050 CENTERS molex						
			4 PLACES	± ---	± ---	CHECKED BY JCOMERC I	DATE 2005/05/17							
			3 PLACES	± ---	± .005	APPROVED BY JCOMERC I	DATE 2010/03/05							
			2 PLACES	± ---	± ---	MATERIAL NO. SEE SHEET 1						DOCUMENT NO. SD-45971-001		SHEET NO. 3 OF 11
			1 PLACE	± ---	± ---									
			0 PLACE	±	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														

5

4

3

2

1

[illegible]

6		5		4		3		2		1			
D	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY
	DIM R: HOUSING HEIGHT												
	POSITION		DIM M		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		
	19		1.212		45971-0163		OBSOLETE		45971-0363		OBSOLETE		
	10		0.762		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
	20		1.262		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
	30		1.762		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
	40		2.262		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
	50		2.762		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
	15		1.012		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
	25		1.512		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
	35		2.012		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
	45		2.512		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
C	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY
	DIM R: HOUSING HEIGHT												
	POSITION		DIM M		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		
	19		1.212		45971-0167		45971-0267		45971-0367		45971-0467		
	10		0.762		45971-1167		45971-1267		45971-1367		45971-1467		
	20		1.262		45971-2167		45971-2267		45971-2367		45971-2467		
	30		1.762		45971-3167		45971-3267		45971-3367		45971-3467		
	40		2.262		45971-4167		45971-4267		45971-4367		45971-4467		
	50		2.762		45971-5167		45971-5267		45971-5367		45971-5467		
	15		1.012		45971-6167		45971-6267		45971-6367		45971-6467		
	25		1.512		45971-7167		45971-7267		45971-7367		45971-7467		
	35		2.012		45971-8167		45971-8267		45971-8367		45971-8467		
	45		2.512		45971-9167		45971-9267		45971-9367		45971-9467		
B	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY
	DIM R: HOUSING HEIGHT												
	POSITION		DIM M		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		
	19		1.212		45971-0167		45971-0267		45971-0367		45971-0467		
	10		0.762		45971-1167		45971-1267		45971-1367		45971-1467		
	20		1.262		45971-2167		45971-2267		45971-2367		45971-2467		
	30		1.762		45971-3167		45971-3267		45971-3367		45971-3467		
	40		2.262		45971-4167		45971-4267		45971-4367		45971-4467		
	50		2.762		45971-5167		45971-5267		45971-5367		45971-5467		
	15		1.012		45971-6167		45971-6267		45971-6367		45971-6467		
	25		1.512		45971-7167		45971-7267		45971-7367		45971-7467		
	35		2.012		45971-8167		45971-8267		45971-8367		45971-8467		
	45		2.512		45971-9167		45971-9267		45971-9367		45971-9467		
A	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY
	DIM R: HOUSING HEIGHT												
	POSITION		DIM M		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		
	19		1.212		45971-0167		45971-0267		45971-0367		45971-0467		
	10		0.762		45971-1167		45971-1267		45971-1367		45971-1467		
	20		1.262		45971-2167		45971-2267		45971-2367		45971-2467		
	30		1.762		45971-3167		45971-3267		45971-3367		45971-3467		
	40		2.262		45971-4167		45971-4267		45971-4367		45971-4467		
	50		2.762		45971-5167		45971-5267		45971-5367		45971-5467		
	15		1.012		45971-6167		45971-6267		45971-6367		45971-6467		
	25		1.512		45971-7167		45971-7267		45971-7367		45971-7467		
	35		2.012		45971-8167		45971-8267		45971-8367		45971-8467		
	45		2.512		45971-9167		45971-9267		45971-9367		45971-9467		
NOTES: 1. THIS SHEET CONTAINS THE FOLLOWING OPTIONS NO OF ROWS: 6 SOLDER CHARGE: TIN / LEAD, 63/Pb 37 PACKAGING: TRAYS AND TAPE AND REEL													
SEE SHEET 1 EC NO: UCP2014-4350 DRWN:RW HIPPLE 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27 DESCRIPTION QUALITY SYMBOLS F=0 F=0 F=0 ANGULAR ±---° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE INCH ONLY DRAWN BY TGREGORI DATE 2005/05/17 CHECKED BY JCOMERC I DATE 2005/05/17 APPROVED BY JCOMERC I DATE 2010/03/05 MATERIAL NO. SEE SHEET 1 SIZE A SCALE 1:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION TITLE SEARAY RECEPTACLE ASSEMBLY .050 CENTERS molex DOCUMENT NO. SD-45971-001 SHEET NO. 5 OF 11 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
tb_frame_A_P_AM_T Rev. G 2012/01/11		5		4		3		2		1			

		6		5		4		3		2		1				
D	TRAY PACK PK-45971-001	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM				
		DIM R: HOUSING HEIGHT														
				.199		.238		.258		.297		.317				
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO				
		19	1.232	45971-0181		OBSOLETE		45971-0381		OBSOLETE		OBSOLETE				
		10	0.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE				
		20	1.282	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE				
		30	1.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE				
		40	2.282	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE				
		50	2.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE				
		15	1.032	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE				
		25	1.532	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE				
		35	2.032	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE				
		45	2.532	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE				
STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY																
C	TAPE AND REEL PACK PK-45971-002	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM				
		DIM R: HOUSING HEIGHT														
				.199		.238		.258		.297		.317				
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO				
		19	1.232	45971-0185		45971-0285		45971-0385		45971-0485		45971-0585				
		10	0.782	45971-1185		45971-1285		45971-1385		45971-1485		45971-1585				
		20	1.282	45971-2185		45971-2285		45971-2385		45971-2485		45971-2585				
		30	1.782	45971-3185		45971-3285		45971-3385		45971-3485		45971-3585				
		40	2.282	45971-4185		45971-4285		45971-4385		45971-4485		45971-4585				
		50	2.782	45971-5185		45971-5285		45971-5385		45971-5485		45971-5585				
		15	1.032	45971-6185		45971-6285		45971-6385		45971-6485		45971-6585				
		25	1.532	45971-7185		45971-7285		45971-7385		45971-7485		45971-7585				
		35	2.032	45971-8185		45971-8285		45971-8385		45971-8485		45971-8585				
		45	2.532	45971-9185		45971-9285		45971-9385		45971-9485		45971-9585				
STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY																
B		NOTES: 1. THIS SHEET CONTAINS THE FOLLOWING OPTIONS NO OF ROWS: 8 SOLDER CHARGE: TIN, 95.5/ Ag 3.8/ Cu 0.7 PACKAGING: TRAYS AND TAPE AND REEL														
A		SEE SHEET 1 EC NO: UCP2014-4350 DRWN:RWHIPPLE 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27 V	DESCRIPTION REV	QUALITY SYMBOLS F=0 E=0 B=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE INCH ONLY		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION				
						mm	INCH	DRAWN BY TGREGORI		DATE 2005/05/17		SEARAY RECEPTACLE ASSEMBLY .050 CENTERS molex				
					4 PLACES	± ---	± ---	CHECKED BY JCOMERCI		DATE 2005/05/17						
					3 PLACES	± ---	± .005	APPROVED BY JCOMERCI		DATE 2010/03/05						
					2 PLACES	± ---	± ---									
					1 PLACE	± ---	± ---					DOCUMENT NO. SD-45971-001 SHEET NO. 6 OF 11				
					0 PLACE	±	±									
					ANGULAR ± ---°			MATERIAL NO.								
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A		SEE SHEET 1 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
					tb_frame_A_P_AM_T Rev. G 2012/01/11											
							5		4		3		2		1	

[illegible]

D	TRAY PACK PK-45971-001	DIM R: (REF)		5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM	STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY						
		DIM R: HOUSING HEIGHT		.199	.238	.258	.297	.317							
		POSITION	DIM M	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO							
		19	1.232	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE							
		10	0.782	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE							
		20	1.282	OBSOLETE	OBSOLETE	45971-2311	OBSOLETE	OBSOLETE							
		30	1.782	45971-3111	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE							
		40	2.282	OBSOLETE	OBSOLETE	OBSOLETE	45971-4411	OBSOLETE							
		50	2.782	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE							
		15	1.032	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE							
		25	1.532	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE							
		35	2.032	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE							
		45	2.532	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE							
C	TAPE AND REEL PACK PK-45971-002	DIM R: (REF)		5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM	STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY						
		DIM R: HOUSING HEIGHT		.199	.238	.258	.297	.317							
		POSITION	DIM M	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO							
		19	1.232	45971-0115	45971-0215	45971-0315	45971-0415	45971-0515							
		10	0.782	45971-1115	45971-1215	45971-1315	45971-1415	45971-1515							
		20	1.282	45971-2115	45971-2215	45971-2315	45971-2415	45971-2515							
		30	1.782	45971-3115	45971-3215	45971-3315	45971-3415	45971-3515							
		40	2.282	45971-4115	45971-4215	45971-4315	45971-4415	45971-4515							
		50	2.782	45971-5115	45971-5215	45971-5315	45971-5415	45971-5515							
		15	1.032	45971-6115	45971-6215	45971-6315	45971-6415	45971-6515							
		25	1.532	45971-7115	45971-7215	45971-7315	45971-7415	45971-7515							
		35	2.032	45971-8115	45971-8215	45971-8315	45971-8415	45971-8515							
		45	2.532	45971-9115	45971-9215	45971-9315	45971-9415	45971-9515							
B	SEE SHEET 1 EC NO: UCP2014-4350 DRWN:RWHIPPLE 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27 V	DESCRIPTION REV	QUALITY SYMBOLS ▽F=0 ▽E=0 ▽B=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE INCH ONLY		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION				
				4 PLACES	mm	INCH	DRAWN BY	DATE	SEARAY RECEPTACLE ASSEMBLY .050 CENTERS						
					3 PLACES	± ---	± ---	TGREGORI				2005/05/17			
				2 PLACES	± ---	± .005	CHECKED BY	DATE	molex						
				1 PLACE	± ---	± ---	JCOMERCI	2005/05/17							
				0 PLACE	±	±	APPROVED BY	DATE	DOCUMENT NO. SD-45971-001						
				ANGULAR ± ---°			JCOMERCI	2010/03/05							
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE SHEET 1		SHEET NO. 8 OF 11						
							SIZE A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
				fb_frame_A_P_AM_T Rev. G 2012/01/11		5	4		3	2		1			

		6		5		4		3		2		1		
D	TRAY PACK PK-45971-001	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		
		DIM R: HOUSING HEIGHT												
				.199		.238		.258		.297		.317		
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		
		19	1.232	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		10	0.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		20	1.282	OBSOLETE		OBSOLETE		45971-2313		OBSOLETE		OBSOLETE		
		30	1.782	45971-3113		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		40	2.282	OBSOLETE		OBSOLETE		OBSOLETE		45971-4413		OBSOLETE		
		50	2.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		15	1.032	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		25	1.532	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		35	2.032	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		45	2.532	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
B	TAPE AND REEL PACK PK-45971-002	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		
		DIM R: HOUSING HEIGHT												
				.199		.238		.258		.297		.317		
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		
		19	1.232	45971-0117		45971-0217		45971-0317		45971-0417		45971-0517		
		10	0.782	45971-1117		45971-1217		45971-1317		45971-1417		45971-1517		
		20	1.282	45971-2117		45971-2217		45971-2317		45971-2417		45971-2517		
		30	1.782	45971-3117		45971-3217		45971-3317		45971-3417		45971-3517		
		40	2.282	45971-4117		45971-4217		45971-4317		45971-4417		45971-4517		
		50	2.782	45971-5117		45971-5217		45971-5317		45971-5417		45971-5517		
		15	1.032	45971-6117		45971-6217		45971-6317		45971-6417		45971-6517		
		25	1.532	45971-7117		45971-7217		45971-7317		45971-7417		45971-7517		
		35	2.032	45971-8117		45971-8217		45971-8317		45971-8417		45971-8517		
		45	2.532	45971-9117		45971-9217		45971-9317		45971-9417		45971-9517		
A	NOTES: 1. THIS SHEET CONTAINS THE FOLLOWING OPTIONS NO OF ROWS: 10 SOLDER CHARGE: TIN / LEAD, 63/Pb 37 PACKAGING: TRAYS AND TAPE AND REEL												SEE SHEET 1	
													V	
													REV	
													DESCRIPTION	
													APPR: SMILLER 2014/05/27	
													CHKD: BBARKER 2014/04/19	
													DRWN: RHIPPLE 2014/04/18	
													EC NO: UCP2014-4350	
													SEE SHEET 1	
													REV	
	QUALITY SYMBOLS													
	F=0													
	F=0													
	F=0													
ANGULAR ±---°														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS														
GENERAL TOLERANCES (UNLESS SPECIFIED)														
mm														
INCH														
4 PLACES ±---														
3 PLACES ±---														
2 PLACES ±---														
1 PLACE ±---														
0 PLACE ±														
DRAWN BY														
DATE														
TGREGORI 2005/05/17														
CHECKED BY														
DATE														
JCOMERCI 2005/05/17														
APPROVED BY														
DATE														
JCOMERCI 2010/03/05														
MATERIAL NO.														
SEE SHEET 1														
SIZE														
A														
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
TITLE														
SEARAY RECEPTACLE ASSEMBLY .050 CENTERS														
molex														
DOCUMENT NO.														
SD-45971-001														
SHEET NO.														
9 OF 11														
THIRD ANGLE PROJECTION														
DESIGN UNITS														
INCH														
SCALE														
1:1														
DIMENSION STYLE														
INCH ONLY														

tb_frame_A_P_AM_T
Rev. G 2012/01/11

5

4

3

2

1

D	TRAY PACK PK-45971-001	6		5		4		3		2		1		
		DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		
		DIM R: HOUSING HEIGHT												
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		
		19	1.232	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		10	0.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		20	1.282	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		30	1.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		40	2.282	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		50	2.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		15	1.032	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
		25	1.532	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		
35	2.032	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE				
45	2.532	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE				
C	TAPE AND REEL PACK PK-45971-002	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		
		DIM R: HOUSING HEIGHT												
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		
		19	1.232	45971-0125		45971-0225		45971-0325		45971-0425		45971-0525		
		10	0.782	45971-1125		45971-1225		45971-1325		45971-1425		45971-1525		
		20	1.282	45971-2125		45971-2225		45971-2325		45971-2425		45971-2525		
		30	1.782	45971-3125		45971-3225		45971-3325		45971-3425		45971-3525		
		40	2.282	45971-4125		45971-4225		45971-4325		45971-4425		45971-4525		
		50	2.782	45971-5125		45971-5225		45971-5325		45971-5425		45971-5525		
		15	1.032	45971-6125		45971-6225		45971-6325		45971-6425		45971-6525		
		25	1.532	45971-7125		45971-7225		45971-7325		45971-7425		45971-7525		
		35	2.032	45971-8125		45971-8225		45971-8325		45971-8425		45971-8525		
45	2.532	45971-9125		45971-9225		45971-9325		45971-9425		45971-9525				
B	STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY													
	STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY													
	NOTES: 1. THIS SHEET CONTAINS THE FOLLOWING OPTIONS NO OF ROWS: 12 SOLDER CHARGE: TIN, 95.5/ Ag 3.8/ Cu 0.7 PACKAGING: TRAYS AND TAPE AND REEL													
	SEE SHEET 1													
	SD-45971-001													
	10 OF 11													
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	5													
	4													
	3													
	2													
	1													

A	tb_frame_A_P_AM_T Rev. G 2012/01/11	5	4	3	2	1	A	V	SEE SHEET 1 EC NO: UCP2014-4350 DRWN:RMH IPPL 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27	DESCRIPTION	REV	QUALITY SYMBOLS F A = 0 F G = 0 F P = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE INCH ONLY		SCALE 3:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION				
													DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	mm	INCH	DRAWN BY TGREGORI		DATE 2005/05/17	SEARAY RECEPTACLE ASSEMBLY .050 CENTERS molex					
														4 PLACES	± ---	± ---	CHECKED BY JCOMERCI						DATE 2005/05/17	
														3 PLACES	± ---	± .005	APPROVED BY JCOMERCI						DATE 2010/03/05	
														2 PLACES	± ---	± ---	MATERIAL NO.						DOCUMENT NO.	SHEET NO.
														1 PLACE	± ---	± ---	SEE SHEET 1						SD-45971-001	10 OF 11
													0 PLACE	±	±	SIZE A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

		6		5		4		3		2		1			
D	TRAY PACK PK-45971-001	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY	
		DIM R: HOUSING HEIGHT													
				.199		.238		.258		.297		.317			
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO			
		19	1.232	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE			
		10	0.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE			
		20	1.282	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE			
		30	1.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE			
		40	2.282	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE			
		50	2.782	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE			
		15	1.032	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE			
		25	1.532	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE			
35	2.032	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE					
45	2.532	OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE		OBSOLETE					
C	TAPE AND REEL PACK PK-45971-002	DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY	
		DIM R: HOUSING HEIGHT													
				.199		.238		.258		.297		.317			
		POSITION	DIM M	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO			
		19	1.232	45971-0127		45971-0227		45971-0327		45971-0427		45971-0527			
		10	0.782	45971-1127		45971-1227		45971-1327		45971-1427		45971-1527			
		20	1.282	45971-2127		45971-2227		45971-2327		45971-2427		45971-2527			
		30	1.782	45971-3127		45971-3227		45971-3327		45971-3427		45971-3527			
		40	2.282	45971-4127		45971-4227		45971-4327		45971-4427		45971-4527			
		50	2.782	45971-5127		45971-5227		45971-5327		45971-5427		45971-5527			
		15	1.032	45971-6127		45971-6227		45971-6327		45971-6427		45971-6527			
		25	1.532	45971-7127		45971-7227		45971-7327		45971-7427		45971-7527			
35	2.032	45971-8127		45971-8227		45971-8327		45971-8427		45971-8527					
45	2.532	45971-9127		45971-9227		45971-9327		45971-9427		45971-9527					
B		NOTES: 1. THIS SHEET CONTAINS THE FOLLOWING OPTIONS NO OF ROWS: 12 SOLDER CHARGE: TIN / LEAD, 63/Pb 37 PACKAGING: TRAYS AND TAPE AND REEL													
A		SEE SHEET 1 EC NO: UCP2014-4350 DRWN:RWHPLE 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27	QUALITY SYMBOLS F=0 E=0 B=0	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE INCH ONLY		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
								DRAWN BY TGREGORI		DATE 2005/05/17		TITLE SEARAY RECEPTACLE ASSEMBLY .050 CENTERS molex			
								CHECKED BY JCOMERC I		DATE 2005/05/17					
								APPROVED BY JCOMERC I		DATE 2010/03/05		DOCUMENT NO. SD-45971-001			
								ANGULAR ±---°		MATERIAL NO.					
								DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			