

6

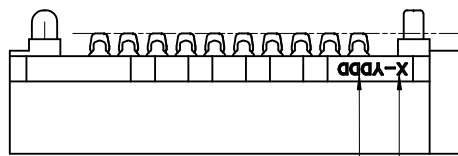
5

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DATE CODE

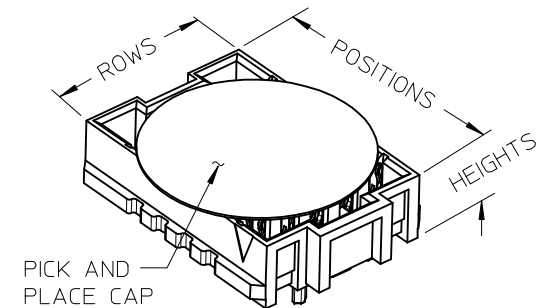
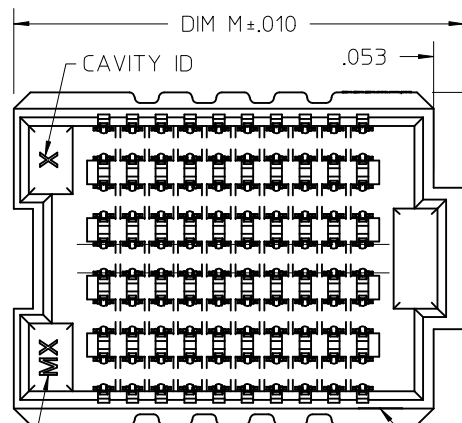
LEAD CODE:

1 = TIN

2 = TIN / LEAD

SEE TABLE
ACROSS ALL
SOLDER CHARGES

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

PICK AND
PLACE CAPDIM M $\pm$.010

CAVITY ID

.053

DIM R $^{+.002}$
 $^{-.004}$

UNMATED HEIGHT

DIM C $\pm$.010MOLEX
LOGO

ROW 1 / POSITION 1 ID THIS SIDE

.050
2 PL

.064

.050 TYP
TERMINAL PITCH

.028

.050 TYP
TERMINAL PITCH

DIM D

SEE SHEET 3 FOR
6 MM GEOMETRY

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

.060

10 POSITION SHOWN
FOR REFERENCE

ADD 6 ROW VIEWS EC NO: UCP2014-4350 DRWN:RWHPPL 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27	DESCRIPTION	QUALITY SYMBOLS ≡ ≡ ≡	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE INCH ONLY		SCALE 3:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY TGREGOR I	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 CHART		DOCUMENT NO. SD-45971-001		SHEET NO. 1 OF 11				
			1 PLACE	± ---	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
			0 PLACE	±	±									
			ANGULAR ± ---°											
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											

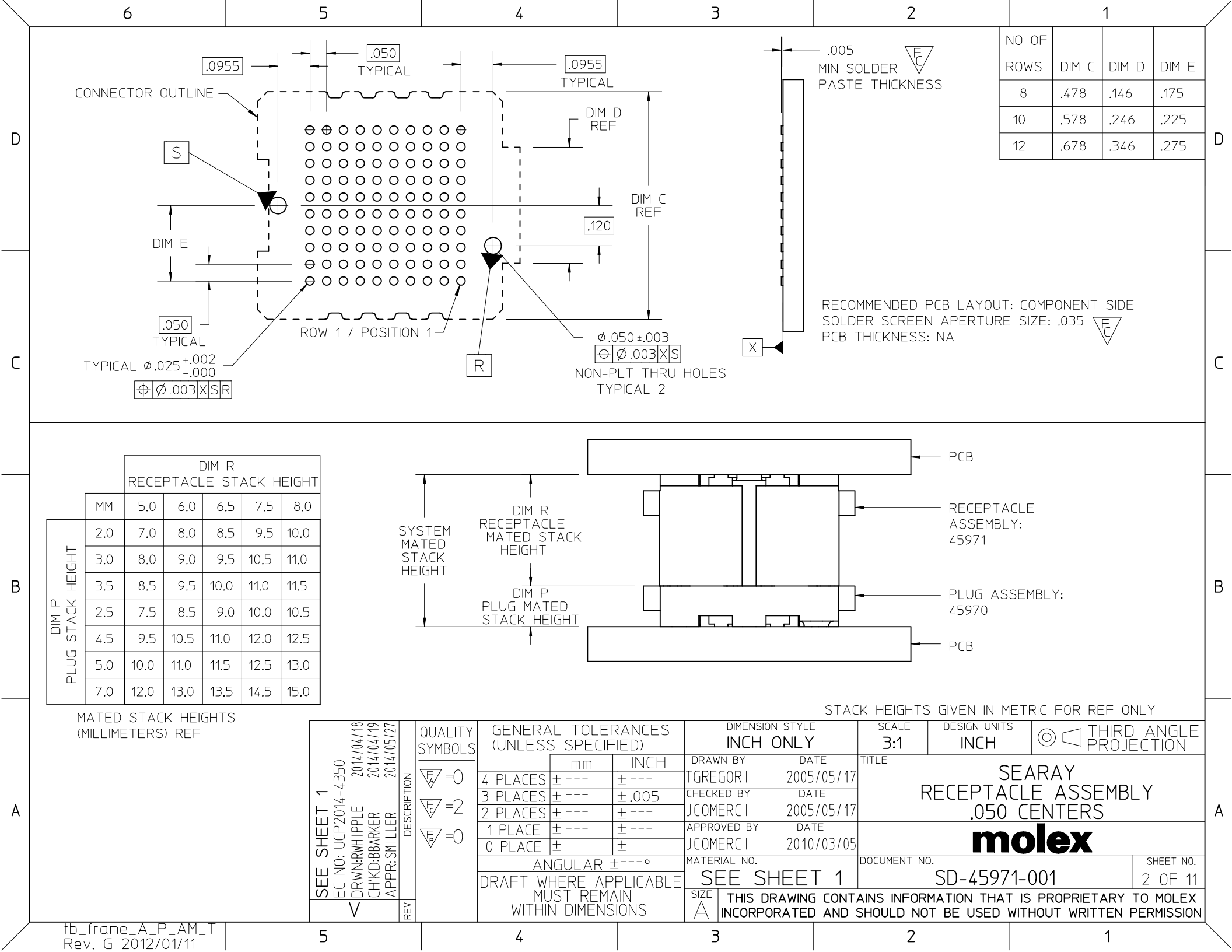
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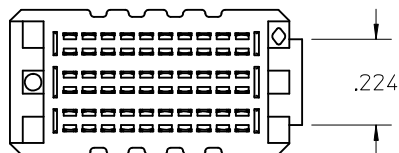
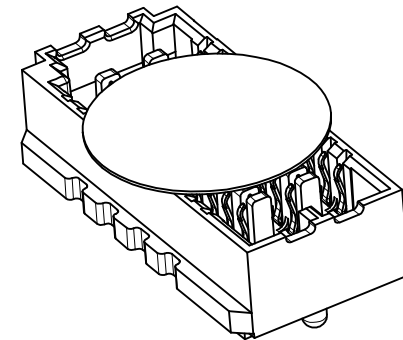
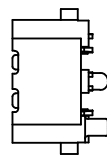
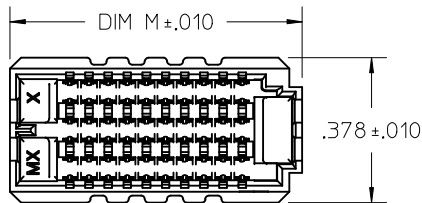
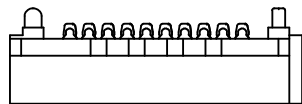
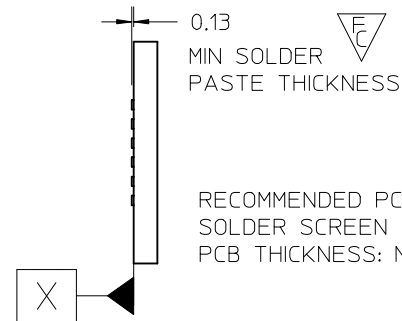
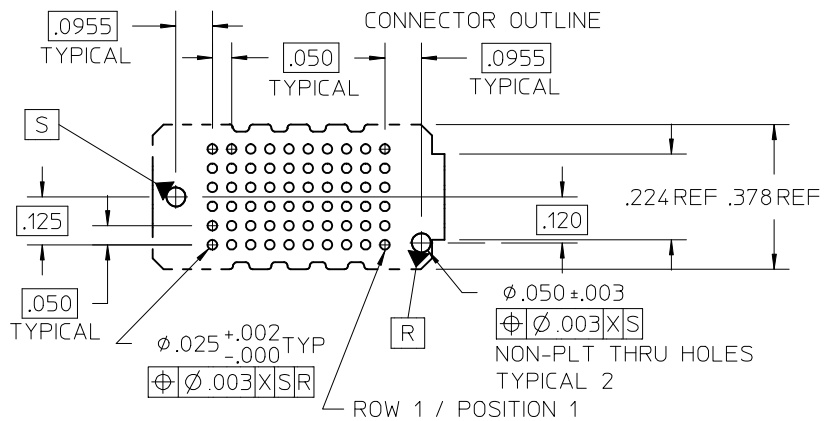
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6 ROW OPTION

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 FA =0 FB =2 FC =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														

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	1.212	45971-0161	OBSOLETE	45971-0361	OBSOLETE	OBSOLETE					
		10	0.762	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE					
		20	1.262	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE					
		30	1.762	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE					
		40	2.262	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE					
		50	2.762	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE					
		15	1.012	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE					
		25	1.512	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE					
		35	2.012	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE					
45	2.512	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE							
STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY													
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											
		POSITION	DIM M	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO					
		19	1.212	45971-0165	45971-0265	45971-0365	45971-0465	45971-0565					
		10	0.762	45971-1165	45971-1265	45971-1365	45971-1465	45971-1565					
		20	1.262	45971-2165	45971-2265	45971-2365	45971-2465	45971-2565					
		30	1.762	45971-3165	45971-3265	45971-3365	45971-3465	45971-3565					
		40	2.262	45971-4165	45971-4265	45971-4365	45971-4465	45971-4565					
		50	2.762	45971-5165	45971-5265	45971-5365	45971-5465	45971-5565					
		15	1.012	45971-6165	45971-6265	45971-6365	45971-6465	45971-6565					
		25	1.512	45971-7165	45971-7265	45971-7365	45971-7465	45971-7565					
		35	2.012	45971-8165	45971-8265	45971-8365	45971-8465	45971-8565					
		45	2.512	45971-9165	45971-9265	45971-9365	45971-9465	45971-9565					
STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY													
NOTES: 1. THIS SHEET CONTAINS THE FOLLOWING OPTIONS NO OF ROWS: 6 SOLDER CHARGE: TIN, 95.5/ Ag 3.8/ Cu 0.7 PACKAGING: TRAYS AND TAPE AND REEL													
A													
A													

SEE SHEET 1 EC NO: UCP2014-4350 DRWN:RWHIPPLE 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27		QUALITY SYMBOLS F_A=0 F_G=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE INCH ONLY		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
V	REV			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. SEE SHEET 1		DOCUMENT NO. SD-45971-001	SHEET NO. 4 OF 11		
		ANGULAR ± ---°									
		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					

tb_frame_A_P_AM_T Rev. G 2012/01/11	5	4	3	2	1
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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:RWHPPL 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27 V	REV	QUALITY SYMBOLS F=0 E=0 B=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	DIMENSION STYLE INCH ONLY 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	SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	TITLE SEARAY RECEPTACLE ASSEMBLY .050 CENTERS molex			
										DOCUMENT NO. SD-45971-001			
										SHEET NO. 6 OF 11			
tb_frame_A_P_AM_T Rev. G 2012/01/11													
		5		4		3		2		1			

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: 8
SOLDER CHARGE: TIN, 95.5/ Ag 3.8/ Cu 0.7
PACKAGING: TRAYS AND TAPE AND REEL

SEE SHEET 1

EC NO: UCP2014-4350

DRWN:RWHPPL 2014/04/18

CHKD:BBARKER 2014/04/19

APPR:SMILLER 2014/05/27

V

DESCRIPTION

REV

QUALITY SYMBOLS

F

=

O

F

=

O

F

=

O

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

DIMENSION STYLE

INCH ONLY

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

SCALE

1:1

DESIGN UNITS

INCH

THIRD ANGLE PROJECTION

TITLE

SEARAY
RECEPTACLE ASSEMBLY
.050 CENTERS

molex

DOCUMENT NO.

SD-45971-001

SHEET NO.

6 OF 11

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	45971-0183		OBSOLETE		45971-0383		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	45971-0187		45971-0287		45971-0387		45971-0487		45971-0587		
		10	0.782	45971-1187		45971-1287		45971-1387		45971-1487		45971-1587		
		20	1.282	45971-2187		45971-2287		45971-2387		45971-2487		45971-2587		
		30	1.782	45971-3187		45971-3287		45971-3387		45971-3487		45971-3587		
		40	2.282	45971-4187		45971-4287		45971-4387		45971-4487		45971-4587		
		50	2.782	45971-5187		45971-5287		45971-5387		45971-5487		45971-5587		
		15	1.032	45971-6187		45971-6287		45971-6387		45971-6487		45971-6587		
		25	1.532	45971-7187		45971-7287		45971-7387		45971-7487		45971-7587		
35	2.032	45971-8187		45971-8287		45971-8387		45971-8487		45971-8587				
45	2.532	45971-9187		45971-9287		45971-9387		45971-9487		45971-9587				
B	NOTES: 1. THIS SHEET CONTAINS THE FOLLOWING OPTIONS NO OF ROWS: 8 SOLDER CHARGE: TIN / LEAD, 63/Pb 37 PACKAGING: TRAYS AND TAPE AND REEL													
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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 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE INCH ONLY		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION				
				4 PLACES 3 PLACES 2 PLACES 1 PLACE 0 PLACE	± --- ± --- ± --- ± --- ±	mm INCH	DRAWN BY TGREGORI		DATE 2005/05/17			SEARAY RECEPTACLE ASSEMBLY .050 CENTERS			
							CHECKED BY JCOMERCI		DATE 2005/05/17						
							APPROVED BY JCOMERCI		DATE 2010/03/05						
							ANGULAR ± ---°			MATERIAL NO.		DOCUMENT NO. SD-45971-001		SHEET NO. 8 OF 11	
							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

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: 10
SOLDER CHARGE: TIN, 95.5/ Ag 3.8/ Cu 0.7
PACKAGING: TRAYS AND TAPE AND REEL

SEARAY
RECEPTACLE ASSEMBLY
.050 CENTERS

molex

SD-45971-001

8 OF 11

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												
		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		STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY
		DIM R: HOUSING HEIGHT												
		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	SEE SHEET 1 EC NO: UCP2014-4350 DRWN:RWHIPPLE 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27 QUALITY SYMBOLS FA=0 FG=0 FP=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 DIMENSION STYLE INCH ONLY 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 SCALE 1:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION TITLE SEARAY RECEPTACLE ASSEMBLY .050 CENTERS molex DOCUMENT NO. SD-45971-001 SHEET NO. 9 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		STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY									
		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											
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	SEE SHEET 1 EC NO: UCP2014-4350 DRWN:RW HIPPLE 2014/04/18 CHKD:BBARKER 2014/04/19 APPR:SMILLER 2014/05/27 V			DESCRIPTION REV	QUALITY SYMBOLS ▽F=0 ▽E=0 ▽P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE INCH ONLY		SCALE 3:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			A							
			mm			INCH	DRAWN BY TGREGORI		DATE 2005/05/17		TITLE SEARAY RECEPTACLE ASSEMBLY .050 CENTERS												
		4 PLACES	± ---			± ---	CHECKED BY JCOMERCI		DATE 2005/05/17														
		3 PLACES	± ---			± .005	APPROVED BY JCOMERCI		DATE 2010/03/05		molex												
		2 PLACES	± ---			± ---	DOCUMENT NO. SD-45971-001																
		1 PLACE	± ---			± ---					SHEET NO. 10 OF 11												
		0 PLACE	±			±	SEE SHEET 1																
		ANGULAR ± ---°				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								SIZE A													
</																							

		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												
		GENERAL TOLERANCES (UNLESS SPECIFIED)												
		DIMENSION STYLE INCH ONLY												
		SCALE 1:1												
		DESIGN UNITS INCH												
		THIRD ANGLE PROJECTION												
		DRAWN BY TGGREGOR I 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												
		DOCUMENT NO. SD-45971-001												
SHEET NO. 11 OF 11														
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
SIZE A														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS														
ANGULAR ±---°														
0 PLACE ± ±														
1 PLACE ± --- ± ---														
2 PLACES ± --- ± ---														
3 PLACES ± --- ± .005														
4 PLACES ± --- ± ---														
mm INCH														
F=0														
F=0														
F=0														
REV														
V														
Rev. G 2012/01/11														
5 4 3 2 1														