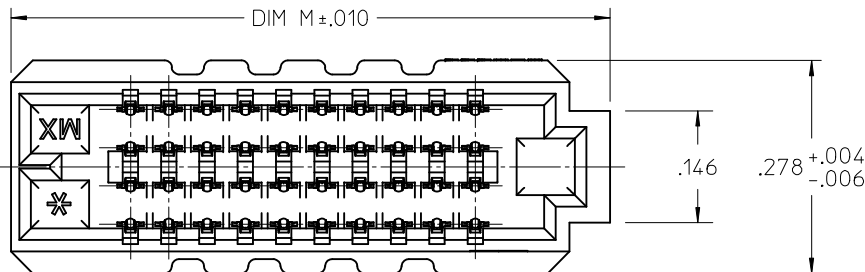


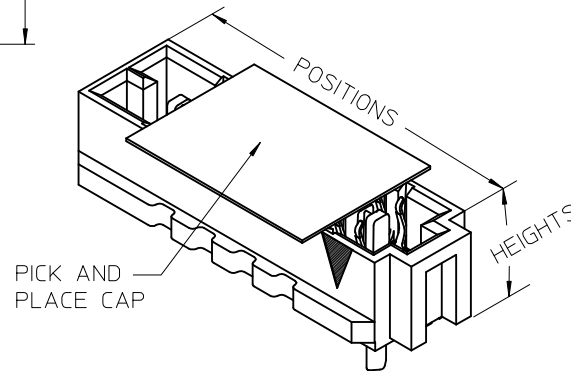
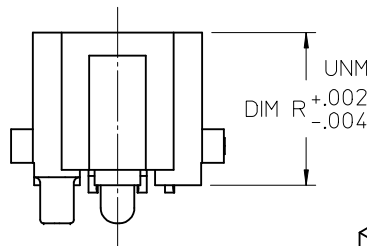
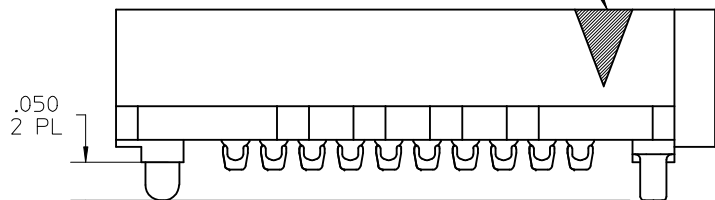
.006 ACROSS ALL
SOLDER CHARGES

LEAD CODE
1 = TIN
2 = TIN/LEAD

DATE CODE



ROW 1 / CKT 1 ID



POSITION	DIM M	
10	.782	.006
15	1.032	.006
20	1.282	.006
25	1.532	.006
30	1.782	.006
35	2.032	.006
40	2.282	.006
45	2.532	.009
50	2.782	.009

UPDT PKG SPEC IN NOTES		QUALITY SYMBOLS	F=0 F=0 F=0
EC NO: UCP2013-1396			
Σ	DRWN: TIBARRA 2012/10/09	DESCRIPTION	F=0 F=0 F=0
	CHK'D: BBARKER 2012/10/09		
	APPR: SMILLER 2012/10/16		
REV			

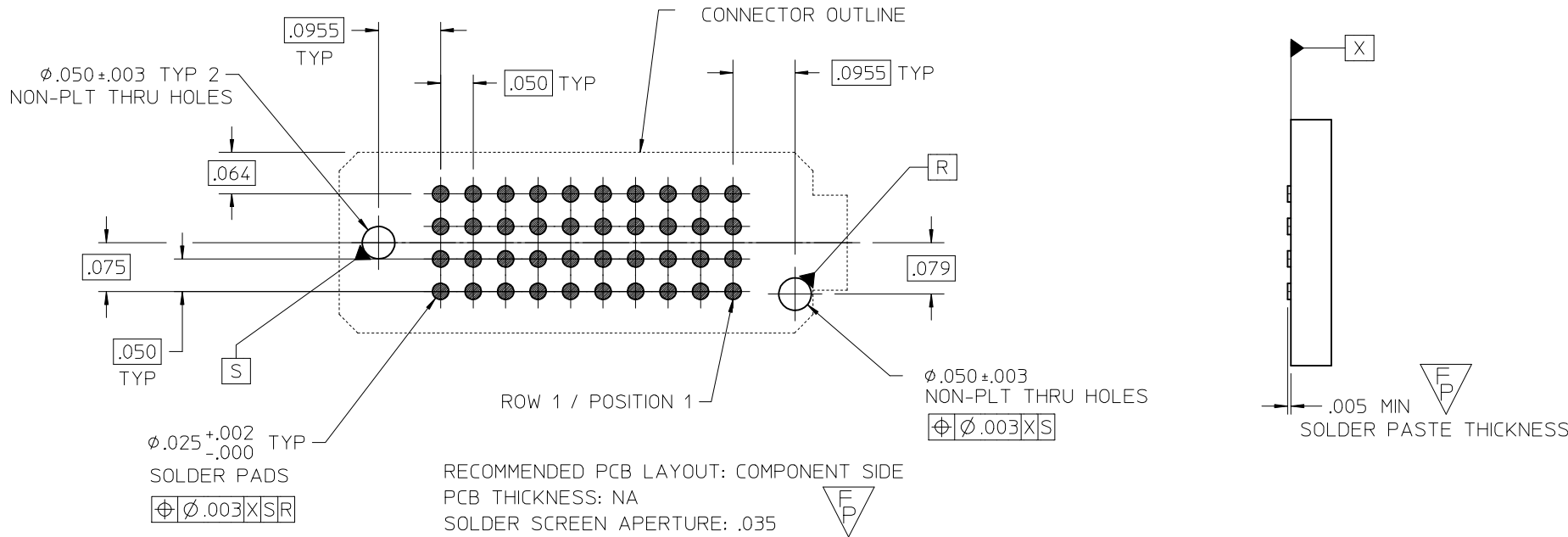
GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACE	±	±
ANGULAR ±---°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
INCH ONLY	
DRAWN BY	DATE
TGREGORI	2007/05/21
CHECKED BY	DATE
JCOMERCI	2007/05/21
APPROVED BY	DATE
JCOMERCI	2010/03/05
MATERIAL NO.	
SEE TABLE	
SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
A	

SCALE 4:1		DESIGN UNITS INCH	
TITLE		SEARCH RECEPTACLE .050	
		mo	
DOCUMENT NO.		SD-46557-	
AINS INFORMATION THAT IS SHOULD NOT BE USED WITH			

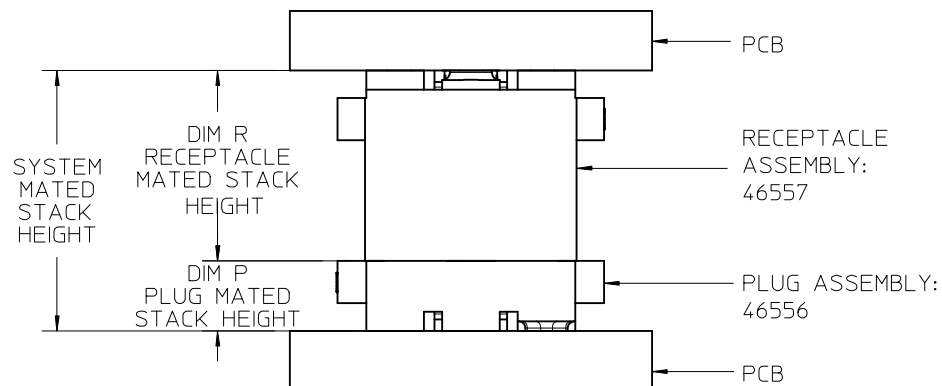
		THIRD ANGLE PROJECTION	
RAY SLIM E ASSEMBLY PITCH			
plex			
001		SHEET NO. 1 OF 4	
S PROPRIETARY TO MOLEX OUT WRITTEN PERMISSION			

- NOTES:
1. MATERIALS: HOUSING- LCP, UL94V-0, BLACK
CONTACTS- COPPER ALLOY
SOLDER CHARGE: SEE CHART
 2. FINISH: SELECT GOLD IN CONTACT AREA: 30 MI MIN
SELECT TIN IN TAIL, 50 MI MIN
OVERALL NICKEL
 3. PRODUCT SPECIFICATION: PS-45970-001
 4. PACKAGING SPECIFICATION: PK-45971-002
 5. MATES WITH SEARAY SLIM PLUG ASSY 46556
 6. APPLICATION SPECIFICATION: AS-45970-001
 7. COSMETIC SPECIFICATION: PS-45499-002 CLASS B
 8. PART STATUS: CONTACT MOLEX



		DIM R RECEPTACLE STACK HEIGHT					
		MM	5.0	6.0	6.5	7.5	8.0
DIM P PLUG STACK HEIGHT	2.0	7.0	8.0	8.5	9.5	10.0	10.5
	3.0	8.0	9.0	9.5	10.5	11.0	11.5
	3.5	8.5	9.5	10.0	11.0	11.5	12.0
	2.5	7.5	8.5	9.0	10.0	10.5	11.0
	4.5	9.5	10.5	11.0	12.0	12.5	13.0
	5.0	10.0	11.0	11.5	12.5	13.0	13.5
	7.0	12.0	13.0	13.5	14.5	15.0	15.5

STACK HEIGHTS GIVEN IN MM FOR REF ONLY



SEE SHEET 1 EC NO: UCP2013-/396 DRWN: TIBARRA 2012/10/09 CH'KD: BBARKER 2012/10/09 APPR: SMILLER 2012/10/16		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE INCH ONLY		SCALE 4:1		DESIGN UNITS INCH		 THIRD ANGLE PROJECTION				
		 =0		4 PLACES	± ---	± ---	DRAWN BY TGREGORI	DATE 2007/05/21	TITLE SEARAY SLIM RECEPTACLE ASSEMBLY .050 PITCH molex							
		 =0		3 PLACES	± ---	± .005	CHECKED BY JCOMERCI	DATE 2007/05/21								
		 =2		2 PLACES	± ---	± ---	APPROVED BY JCOMERCI	DATE 2010/03/05								
				1 PLACE	± ---	± ---										
				0 PLACE	±	±	MATERIAL NO.		DOCUMENT NO.				SHEET NO.			
				ANGULAR ± ---°			SEE TABLE		SD-46557-001				2 OF 4			
				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								

SEARAY SLIM
RECEPTACLE ASSEMBLY
.050 PITCH

molex

DOCUMENT NO.
SD-46557-001

SHEET NO.
2 OF 4

6		5		4		3		2		1																																
DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		STACK HEIGHTS GIVEN IN MM FOR REF ONLY																														
DIM R: HOUSING HEIGHT		.199		.238		.258		.297		.317																																
POSITIONS		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO																																
10		46557-1145		46557-1245		46557-1345		46557-1445		46557-1545																																
20		46557-2145		46557-2245		46557-2345		46557-2445		46557-2545																																
30		46557-3145		46557-3245		46557-3345		46557-3445		46557-3545																																
40		46557-4145		46557-4245		46557-4345		46557-4445		46557-4545																																
50		46557-5145		46557-5245		46557-5345		46557-5445		46557-5545																																
15		46557-6145		46557-6245		46557-6345		46557-6445		46557-6545																																
25		46557-7145		46557-7245		46557-7345		46557-7445		46557-7545																																
35		46557-8145		46557-8245		46557-8345		46557-8445		46557-8545																																
45		46557-9145		46557-9245		46557-9345		46557-9445		46557-9545																																
NOTES: 1. THIS SHEET CONTAINS THE FOLLOWING OPTIONS SOLDER CHARGE: TIN, 95.5/ Ag 3.8/ Cu 0.7																																										
SEE SHEET 1 EC NO: UCP2013-1396 DRWN:TIBARRA 2012/10/09 CHKD:BBARKER 2012/10/09 APPR:SMILLER 2012/10/16 M		DESCRIPTION REV		QUALITY SYMBOLS FA=0 FB=0 FC=0		GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .005</td></tr><tr><td>2 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr><tr><td>0 PLACE</td><td>±</td><td>±</td></tr></table> ANGULAR ±---° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .005	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	0 PLACE	±	±	DIMENSION STYLE INCH ONLY <table><tr><td>DRAWN BY</td><td>DATE</td></tr><tr><td>TGREGORI</td><td>2007/05/21</td></tr><tr><td>CHECKED BY</td><td>DATE</td></tr><tr><td>JCOMERC I</td><td>2007/05/21</td></tr><tr><td>APPROVED BY</td><td>DATE</td></tr><tr><td>JCOMERC I</td><td>2010/03/05</td></tr></table> MATERIAL NO. SEE TABLE SIZE A THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DRAWN BY	DATE	TGREGORI	2007/05/21	CHECKED BY	DATE	JCOMERC I	2007/05/21	APPROVED BY	DATE	JCOMERC I	2010/03/05	SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION SEARAY SLIM RECEPTACLE ASSEMBLY .050 PITCH molex DOCUMENT NO. SD-46557-001 SHEET NO. 3 OF 4
	mm	INCH																																								
4 PLACES	± ---	± ---																																								
3 PLACES	± ---	± .005																																								
2 PLACES	± ---	± ---																																								
1 PLACE	± ---	± ---																																								
0 PLACE	±	±																																								
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TGREGORI	2007/05/21																																									
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JCOMERC I	2007/05/21																																									
APPROVED BY	DATE																																									
JCOMERC I	2010/03/05																																									
fb_frame_A_P_AM_T		5		4		3		2		1																																
Rev. G 2012/01/11																																										

6		5		4		3		2		1		
DIM R: (REF)		5.0 MM		6.0 MM		6.5 MM		7.5 MM		8.0 MM		STACK HEIGHTS GIVEN IN MM FOR REF ONLY
DIM R: HOUSING HEIGHT		.199		.238		.258		.297		.317		
POSITIONS		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		
10		46557-1147		46557-1247		46557-1347		46557-1447		46557-1547		
20		46557-2147		46557-2247		46557-2347		46557-2447		46557-2547		
30		46557-3147		46557-3247		46557-3347		46557-3447		46557-3547		
40		46557-4147		46557-4247		46557-4347		46557-4447		46557-4547		
50		46557-5147		46557-5247		46557-5347		46557-5447		46557-5547		
15		46557-6147		46557-6247		46557-6347		46557-6447		46557-6547		
25		46557-7147		46557-7247		46557-7347		46557-7447		46557-7547		
35		46557-8147		46557-8247		46557-8347		46557-8447		46557-8547		
45		46557-9147		46557-9247		46557-9347		46557-9447		46557-9547		
NOTES: 1. THIS SHEET CONTAINS THE FOLLOWING OPTIONS SOLDER CHARGE: TIN / LEAD, 63/Pb 37												
SEE SHEET 1 EC NO: UCP2013-1396 DRWN: TIBARRA 2012/10/09 CHKD: BBARKER 2012/10/09 APPR: SMILLER 2012/10/16 M		QUALITY SYMBOLS FA=0 FE=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			DIMENSION STYLE INCH ONLY DRAWN BY DATE TGREGORI 2007/05/21 CHECKED BY DATE JCOMERCI 2007/05/21 APPROVED BY DATE JCOMERCI 2010/03/05 MATERIAL NO. SEE TABLE		SCALE 1:1 TITLE SEARAY SLIM RECEPTACLE ASSEMBLY .050 PITCH molex DOCUMENT NO. SD-46557-001		DESIGN UNITS INCH THIRD ANGLE PROJECTION SHEET NO. 4 OF 4	
tb_frame_A_P_AM_T Rev. G 2012/01/11		5		4			3		2		1	