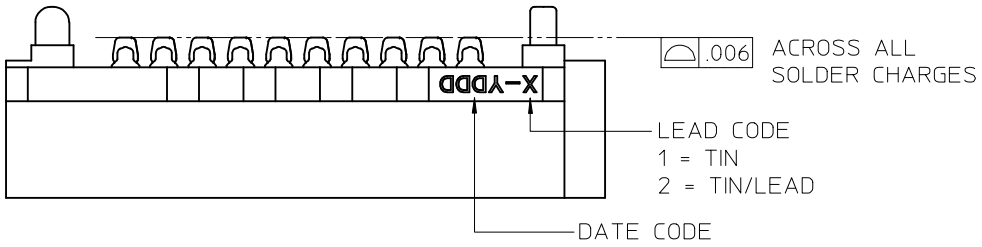
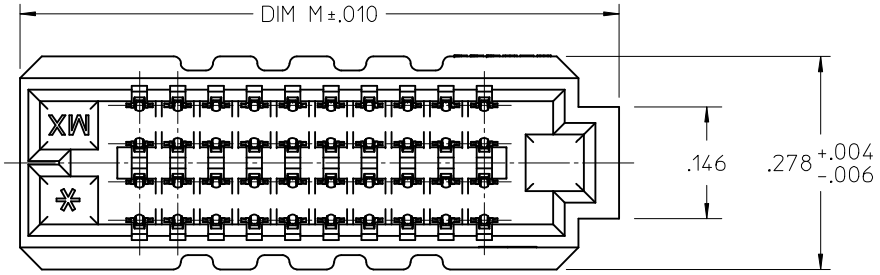
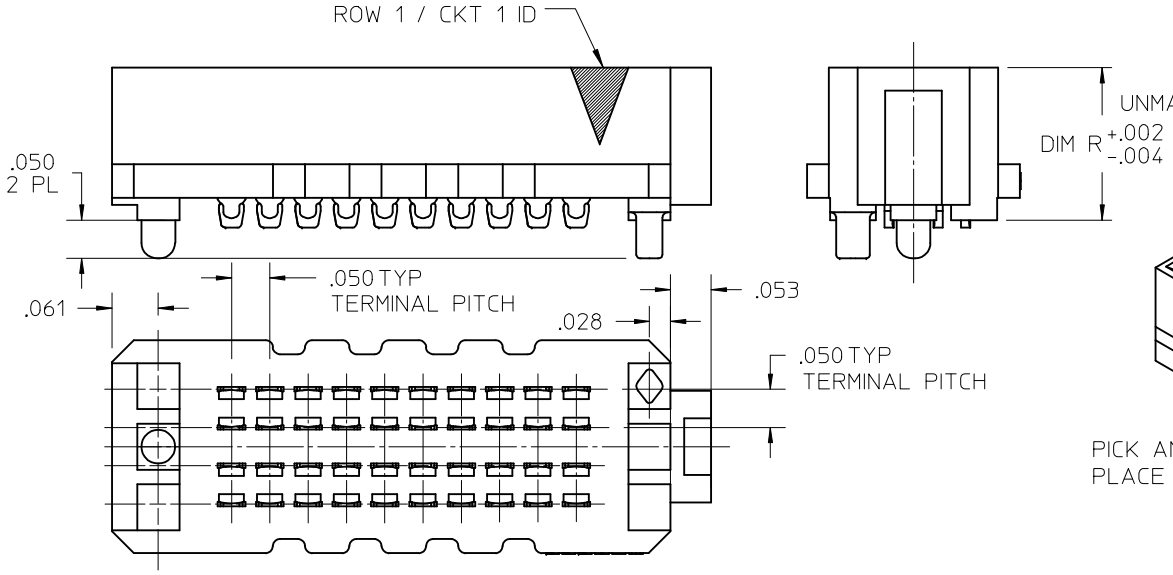
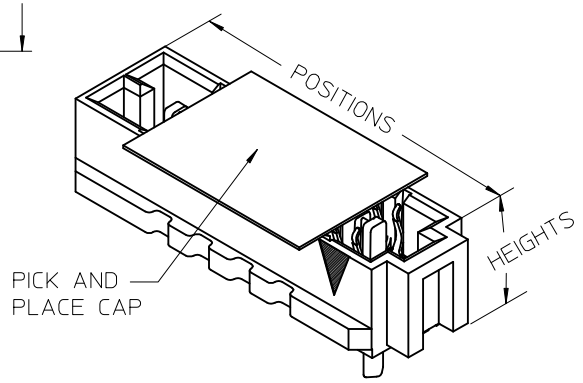








NOTES:

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

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
EC NO: UCP2013-1396 2012/10/09
DRWN:TIBARRA 2012/10/09
CH'KD:BBARKER 2012/10/16
APPR:SMILLER
DESCRIPTION
M
REV

QUALITY SYMBOLS
FA =0
FC =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
SCALE: 4:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

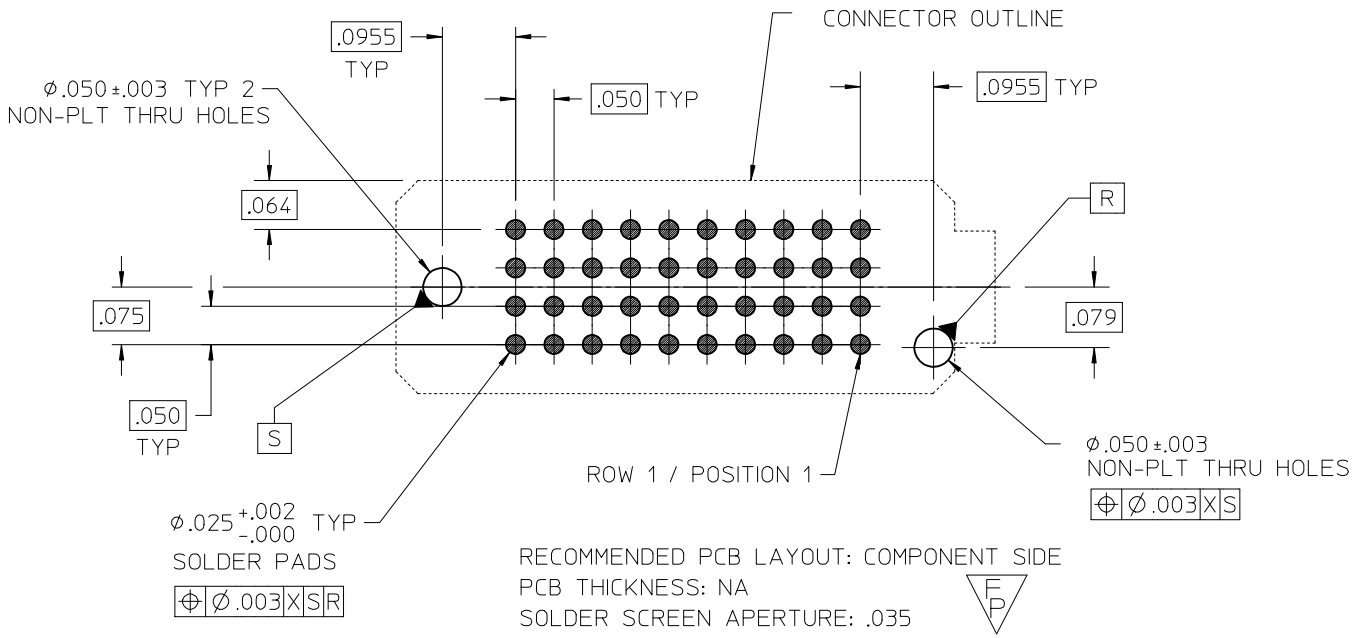
DRAWN BY	TGREGORI	DATE 2007/05/21
CHECKED BY	JCOMERCI	DATE 2007/05/21
APPROVED BY	JCOMERCI	DATE 2010/03/05

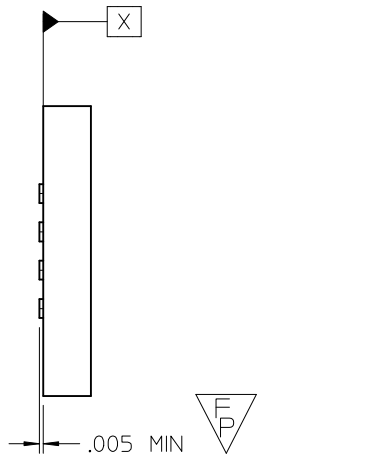
TITLE: SEARAY SLIM RECEPTACLE ASSEMBLY .050 PITCH

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-46557-001
SHEET NO.: 1 OF 4
SIZE: A

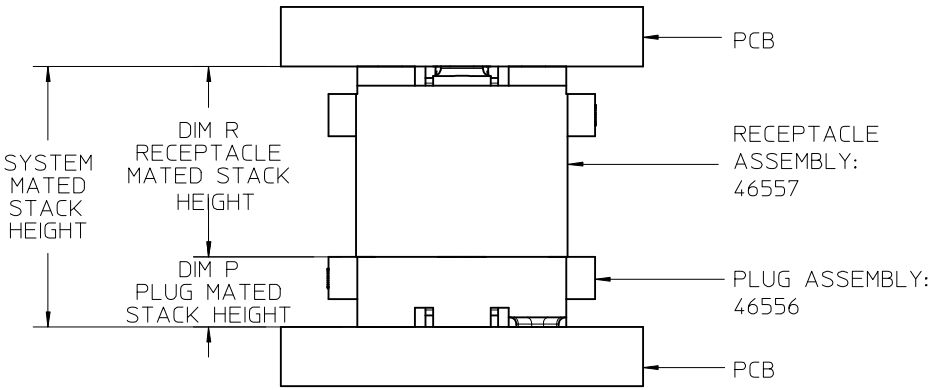
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION





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

STACK HEIGHTS GIVEN IN MM FOR REF ONLY



SEE SHEET 1
EC NO: UCP2013-1396 2012/10/09
DRWN:TIBARRA 2012/10/09
CH'KD:BBARKER 2012/10/16
APPR:SMILLER
DESCRIPTION
M
REV

QUALITY SYMBOLS
F A =0
F B =0
F B =2

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
SCALE: 4:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	TGREGORI	2007/05/21
CHECKED BY	JCOMERCI	2007/05/21
APPROVED BY	JCOMERCI	2010/03/05

TITLE: SEARAY SLIM RECEPTACLE ASSEMBLY .050 PITCH

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-46557-001
SHEET NO.: 2 OF 4
SIZE: A

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

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
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

STACK HEIGHTS GIVEN IN MM FOR REF ONLY

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 2012/10/09
DRWN:TIBARRA 2012/10/09
CH'KD:BBARKER 2012/10/16
APPR:SMILLER

DESCRIPTION

M

REV

QUALITY SYMBOLS

F_A =0

F_C =0

F_D =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

SCALE: 1:1

DESIGN UNITS: INCH

THIRD ANGLE PROJECTION

		DATE
DRAWN BY	TGREGORI	2007/05/21
CHECKED BY	JCOMERCI	2007/05/21
APPROVED BY	JCOMERCI	2010/03/05

TITLE: SEARAY SLIM RECEPTACLE ASSEMBLY .050 PITCH

molex

MATERIAL NO.: SEE TABLE

DOCUMENT NO.: SD-46557-001

SHEET NO.: 3 OF 4

SIZE: A

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

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
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

STACK HEIGHTS GIVEN IN MM FOR REF ONLY

NOTES:

1. THIS SHEET CONTAINS THE FOLLOWING OPTIONS

   SOLDER CHARGE: TIN / LEAD, 63/Pb 37

SEE SHEET 1

EC NO: UCP2013-1396

DESCRIPTION	REV
DRWN:TIBARRA 2012/10/09	M
CH'KD:BBARKER 2012/10/09	
APPR:SMILLER 2012/10/16	

QUALITY SYMBOLS

	=0
	=0
	=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	SCALE: 1:1	DESIGN UNITS: INCH	THIRD ANGLE PROJECTION
DRAWN BY: TGREGORI	DATE: 2007/05/21	TITLE: SEARAY SLIM RECEPTACLE ASSEMBLY .050 PITCH	
CHECKED BY: JCOMERCI	DATE: 2007/05/21		
APPROVED BY: JCOMERCI	DATE: 2010/03/05	molex	
MATERIAL NO.: SEE TABLE		DOCUMENT NO.: SD-46557-001	SHEET NO.: 4 OF 4

SIZE A

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