

6

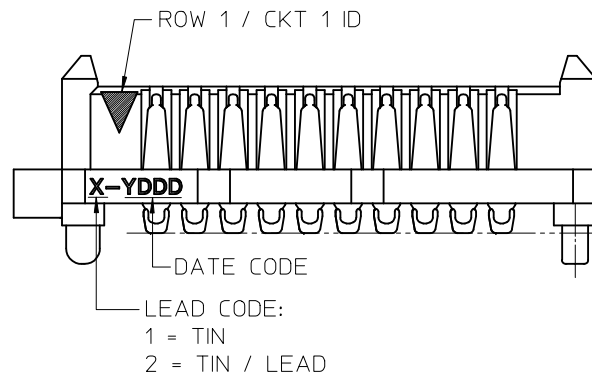
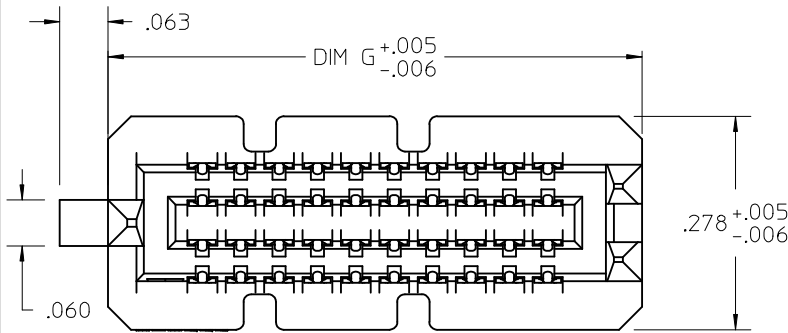
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4

3

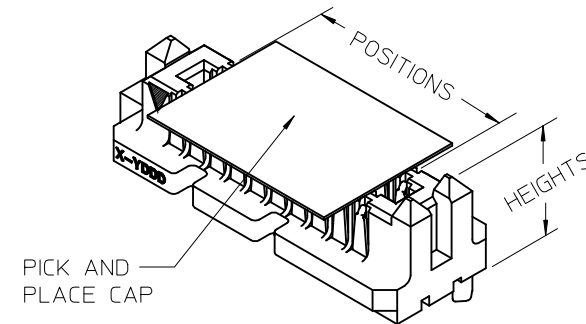
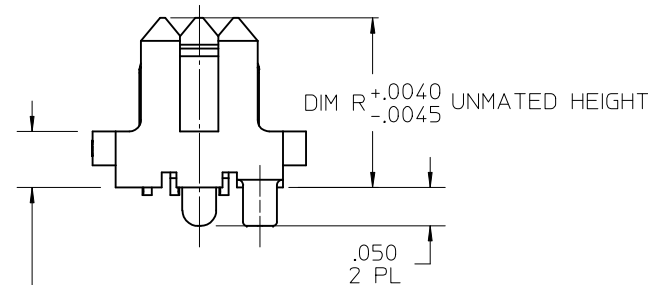
2

1



SEE TABLE
ACROSS ALL
SOLDER
CHARGES

DIM P
REF ONLY
MATED STACK
HEIGHT
(MILLIMETERS)



POSITIONS	DIM G	
10	.696	.006
15	.946	.006
20	1.196	.006
25	1.446	.006
30	1.696	.006
35	1.946	.006
40	2.196	.006
45	2.446	.009
50	2.696	.009

NOTES:

- MATERIALS: HOUSING: LCP, UL94V-0, BLACK
CONTACTS: COPPER ALLOY
SOLDER CHARGE: SEE CHART
- FINISH: ALL OPTIONS - SELECT GOLD IN CONTACT AREA: 30 MI MIN
OPTIONS 2.0 & 2.5: SELECT GOLD FLASH IN TAIL, 7 MI MIN
OPTIONS 3.0 THRU 7.0: SELECT TIN IN TAIL, 50 MI MIN
ALL OPTIONS - OVER NICKEL
- PRODUCT SPECIFICATION: PS-45970-001
- PACKAGING SPECIFICATION: PK-45970-002
- MATES WITH SEARAY RECPT ASSEMBLY 46557
- APPLICATION SPECIFICATION: AS-45970-001
- COSMETIC SPECIFICATION: PS-45499-002 CLASS B
- PART STATUS: CONTACT MOLEX

REMOVED MX ID MARK
EC NO: UCP2013-5344
DRWN: TREGORI 2013/06/10
CHKD: JCOMERC I
APPR: JCOMERC I 2013/06/10
REV

DESCRIPTION

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
INCH ONLY

DRAWN BY	DATE
TGREGORI	2007/05/17
CHECKED BY	DATE
JCOMERC I	2007/05/17
APPROVED BY	DATE
JCOMERC I	2010/03/05

MATERIAL NO.

SEE CHART

SIZE
ASCALE
4:1DESIGN UNITS
INCH THIRD ANGLE
PROJECTION

SEARAY SLIM
PLUG ASSEMBLY
.050 PITCH

MOLEX INCORPORATED

DOCUMENT NO.

SD-46556-001

SHEET NO.

1 OF 4

6		5		4		3		2		1																															
DIM P	2.0 MM	3.0 MM	3.5 MM	2.5 MM	4.5 MM	5.0 MM	7.0 MM																																		
DIM R: HOUSING HEIGHT:	.221	.260	.280	.241	.319	.339	.418																																		
POSITIONS	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO																																		
10	46556-1145	46556-1245	46556-1345	46556-1445	46556-1545	46556-1645	46556-1745																																		
20	46556-2145	46556-2245	46556-2345	46556-2445	46556-2545	46556-2645	46556-2745																																		
30	46556-3145	46556-3245	46556-3345	46556-3445	46556-3545	46556-3645	46556-3745																																		
40	46556-4145	46556-4245	46556-4345	46556-4445	46556-4545	46556-4645	46556-4745																																		
50	46556-5145	46556-5245	46556-5345	46556-5445	46556-5545	46556-5645	46556-5745																																		
15	46556-6145	46556-6245	46556-6345	46556-6445	46556-6545	46556-6645	46556-6745																																		
25	46556-7145	46556-7245	46556-7345	46556-7445	46556-7545	46556-7645	46556-7745																																		
35	46556-8145	46556-8245	46556-8345	46556-8445	46556-8545	46556-8645	46556-8745																																		
45	46556-9145	46556-9245	46556-9345	46556-9445	46556-9545	46556-9645	46556-974																																		
NOTES: 1. THIS SHEET CONTAINS THE FOLLOWING OPTIONS SOLDER CHARGE: TIN, 95.5/ Ag 3.8/ Cu 0.7																																									
SEE SHEET 1 EC NO: UCP2013-5344 DRWN: TGREGOR I 2013/06/10 CHKD: APPR: JCOMERC I 2013/06/10 REV L1		DESCRIPTION		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 colspan="3">ANGULAR ±1/2°</td></tr></table> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .005	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	ANGULAR ±1/2°			DIMENSION STYLE INCH ONLY <table><tr><td>DRAWN BY</td><td>DATE</td></tr><tr><td>TGREGOR I</td><td>2007/05/17</td></tr><tr><td>CHECKED BY</td><td>DATE</td></tr><tr><td>JCOMERC I</td><td>2007/05/17</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 CHART SIZE A THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DRAWN BY	DATE	TGREGOR I	2007/05/17	CHECKED BY	DATE	JCOMERC I	2007/05/17	APPROVED BY	DATE	JCOMERC I	2010/03/05	SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION SEARAY SLIM PLUG ASSEMBLY .050 PITCH MOLEX INCORPORATED DOCUMENT NO. SD-46556-001 SHEET NO. 3 OF 4	
	mm	INCH																																							
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tb_frame_A_P_AM_T Rev. E 2006/04/15		5		4		3		2		1																															

		6		5		4		3		2		1																											
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10		46556-1147		46556-1247		46556-1347		46556-1447		46556-1547		46556-1647		46556-1747																									
20		46556-2147		46556-2247		46556-2347		46556-2447		46556-2547		46556-2647		46556-2747																									
30		46556-3147		46556-3247		46556-3347		46556-3447		46556-3547		46556-3647		46556-3747																									
40		46556-4147		46556-4247		46556-4347		46556-4447		46556-4547		46556-4647		46556-4747																									
50		46556-5147		46556-5247		46556-5347		46556-5447		46556-5547		46556-5647		46556-5747																									
15		46556-6147		46556-6247		46556-6347		46556-6447		46556-6547		46556-6647		46556-6747																									
25		46556-7147		46556-7247		46556-7347		46556-7447		46556-7547		46556-7647		46556-7747																									
35		46556-8147		46556-8247		46556-8347		46556-8447		46556-8547		46556-8647		46556-8747																									
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