

6

5

4

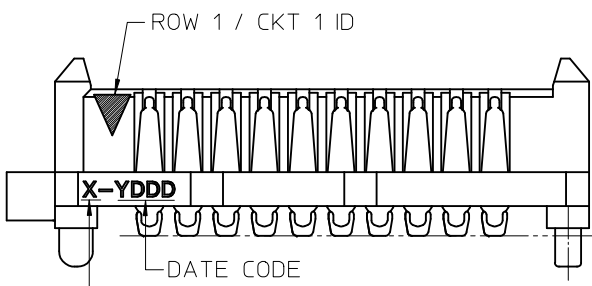
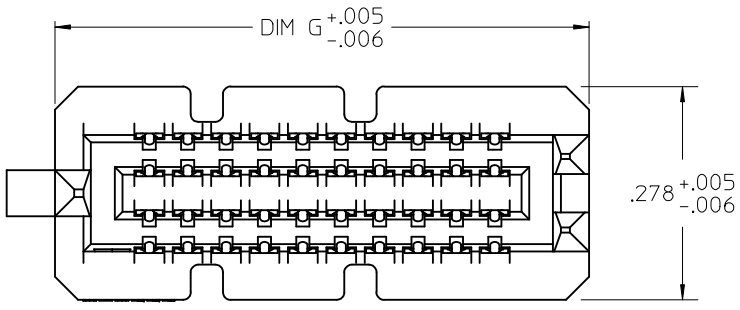
3

2

1

NOTES:

- 1. MATERIALS: HOUSING: LCP, UL94V-0, BLACK  
CONTACTS: COPPER ALLOY  
SOLDER CHARGE: SEE CHART
- 2. FINISH: SELECT GOLD IN CONTACT: 30 MI MIN  
SELECT TIN IN TAIL: 100 MI MIN  
BOTH OVER NICKEL
- 3. PRODUCT SPECIFICATION: PS-45970-001
- 4. PACKAGING SPECIFICATION: PK-45970-002
- 5. MATES WITH SEARAY RECPT ASSEMBLY 46557
- 6. APPLICATION SPECIFICATION: AS-45970-001
- 7. COSMETIC SPECIFICATION: PS-45499-002 CLASS B
- 8. PART STATUS: CONTACT MOLEX

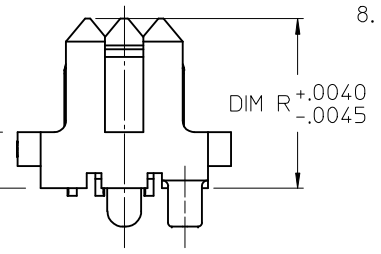


LEAD CODE:  
1 = TIN  
2 = TIN / LEAD

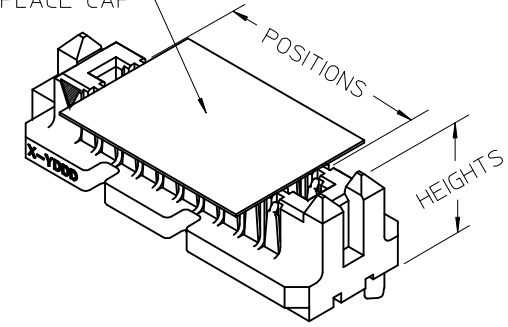
SEE TABLE

ACROSS ALL  
SOLDER  
CHARGES

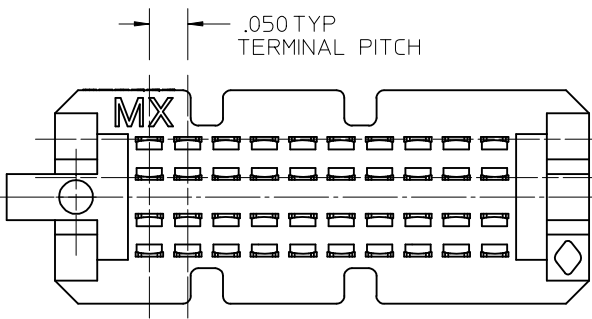
DIM P REF  
PLUG STACK  
HEIGHT  
(MILLIMETERS)



PICK AND  
PLACE CAP



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



REVISED	EC NO: UCP2009-3031	2009/06/16
	DRWN: T GREGORI	2009/06/16
	CHKD: JCOMERCI	2009/06/16
	APPR: JCOMERCI	2009/06/16
H1	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
T GREGORI	2007/05/17
CHECKED BY	DATE
JCOMERCI	2007/05/17
APPROVED BY	DATE
JCOMERCI	2007/05/17
MATERIAL NO.	
SEE CHART	
SIZE	A

SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
TITLE SEARAY SLIM PLUG ASSEMBLY .050 PITCH		
MOLEX INCORPORATED		
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-46556-001	1 OF 4

5

4


3

2




	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
D 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
C 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

SEE SHEET 1 EC NO: UCP2009-3031 DRWN: TGREGOR I CHKD: APPR: JCOMERC I 2009/06/16 2009/06/16 2009/06/16	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>INCH ONLY</b>		SCALE <b>1:1</b>	DESIGN UNITS <b>INCH</b>	THIRD ANGLE PROJECTION			
			mm	INCH	DRAWN BY TGREGOR I	DATE 2007/05/17	TITLE <b>SEARAY SLIM PLUG ASSEMBLY .050 PITCH</b>				
		4 PLACES	± ---	± ---	CHECKED BY JCOMERC I	DATE 2007/05/17					
		3 PLACES	± ---	± .005	APPROVED BY JCOMERC I		DATE 2007/05/17	 <b>MOLEX INCORPORATED</b> DOCUMENT NO. <b>SD-46556-001</b>			
		2 PLACES	± ---	± ---	MATERIAL NO.		SHEET NO. <b>3 OF 4</b>				
1 PLACE	± ---	± ---	ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS SIZE <b>A</b> THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

	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
D POSITIONS	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO
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
C 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
45	46556-9147	46556-9247	46556-9347	46556-9447	46556-9547	46556-9647	46556-9747

NOTES:  
1. THIS SHEET CONTAINS THE FOLLOWING OPTIONS  
SOLDER CHARGE: TIN / LEAD

SEE SHEET 1 EC NO: UCP2009-3031 DRWN: TGREGOR I CHKD: APPR: JCOMERC I 2009/06/16 2009/06/16 2009/06/16 DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>INCH ONLY</b>		SCALE <b>1:1</b>	DESIGN UNITS <b>INCH</b>	THIRD ANGLE PROJECTION		
		mm	INCH	DRAWN BY TGREGOR I	DATE 2007/05/17	TITLE <b>SEARAY SLIM PLUG ASSEMBLY .050 PITCH</b>			
	4 PLACES	± ---	± ---	CHECKED BY JCOMERC I	DATE 2007/05/17				
	3 PLACES	± ---	± .005	APPROVED BY JCOMERC I	DATE 2007/05/17	 <b>MOLEX INCORPORATED</b> DOCUMENT NO. SD-46556-001 SHEET NO. 4 OF 4			
	2 PLACES	± ---	± ---	MATERIAL NO.					
1 PLACE	± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE <b>A</b>		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		