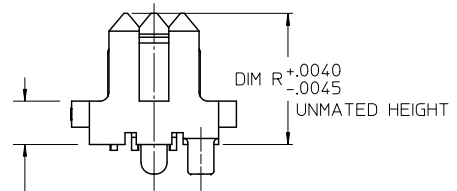
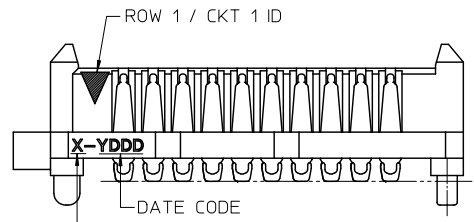


- NOTES:
- MATERIALS: HOUSING: LCP, UL94V-0, BLACK  
CONTACTS: COPPER ALLOY  
SOLDER CHARGE: SEE CHART
  - FINISH: ALL OPTIONS - SELECT GOLD IN CONTACT AREA: 30 MI MIN  
OPTIONS 2.0 & 2.5: SELECT GOLD FLASH IN TAIL, 7 MI MIN  
OPTIONS 3.0 THRU 7.0: SELECT TIN IN TAIL, 100 MI MIN  
ALL OPTIONS - OVER 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

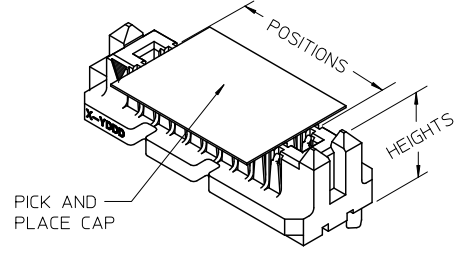
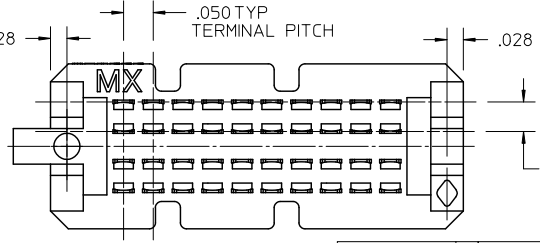


LEAD CODE:  
1 = TIN  
2 = TIN / LEAD

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



PICK AND  
PLACE CAP

REV	DESCRIPTION
5	ADDED SOLDER COMP EC NO: UCP2011-2778 DRAWN: TGREGORI 2011/04/05 CHKD: JCOMERCI APPR: JCOMERCI 2011/04/06

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

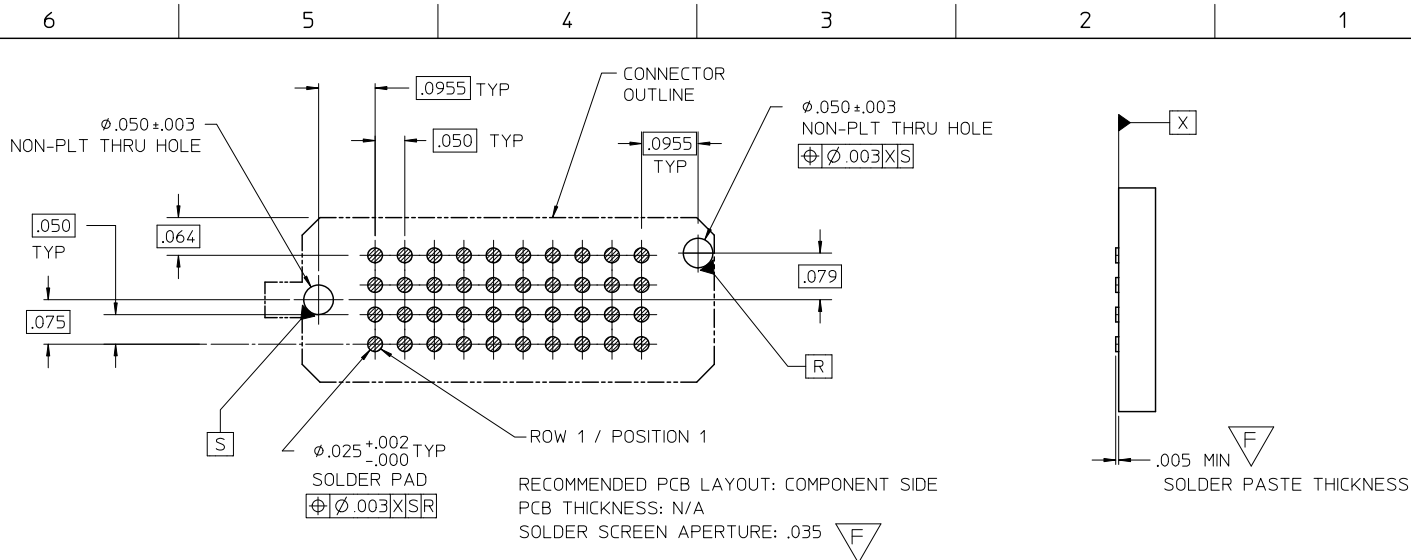
DIMENSION STYLE INCH ONLY	
DRAWN BY	DATE
TGREGORI	2007/05/17
CHECKED BY	DATE
JCOMERCI	2007/05/17
APPROVED BY	DATE
JCOMERCI	2010/03/05
MATERIAL NO.	
SEE CHART	

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

MOLEX INCORPORATED

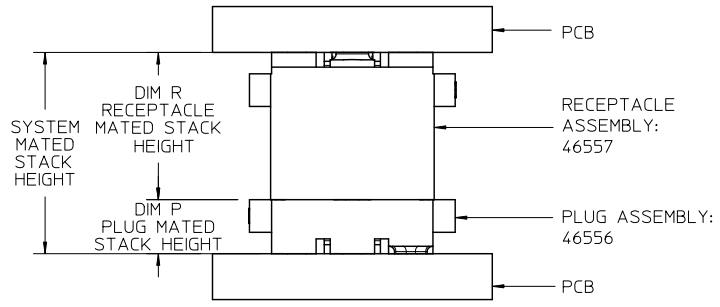
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SD\_PACKAGE: CM-46556-001



		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	11.0
	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	12.5
2.5	7.5	8.5	9.0	10.0	10.5	11.0	11.5
4.5	9.5	10.5	11.0	12.0	12.5	13.0	13.5
5.0	10.0	11.0	11.5	12.5	13.0	13.5	14.0
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: UCP2011-2778 DRWN: GREGORI 2011/04/05 CHKD: APPR: JCOMERC I 2011/04/06 REV DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE INCH ONLY		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY TGREGORI	DATE 2007/05/17	TITLE SEARAY SLIM PLUG ASSEMBLY .050 PITCH		
	4 PLACES	± .005	± .005	CHECKED BY JCOMERC I	DATE 2007/05/17			
	3 PLACES	± .005	± .005	APPROVED BY JCOMERC I	DATE 2010/03/05	MOLEX INCORPORATED MATERIAL NO. SEE CHART DOCUMENT NO. SD-46556-001		
	2 PLACES	± .005	± .005	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
1 PLACE	± .005	± .005	ANGULAR ± 1/2°		SHEET NO. 2 OF 4			

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	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: UCP2011-2778 DRWN: T GREGORI 2011/04/05 CHKD: APPR: J COMERC I 2011/04/06 REV DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE INCH ONLY		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	4 PLACES	± ---	± ---	DRAWN BY T GREGORI	DATE 2007/05/17	TITLE <b>SEARAY SLIM PLUG ASSEMBLY .050 PITCH</b>	
	3 PLACES	± ---	± .005	CHECKED BY J COMERC I	DATE 2007/05/17		
	2 PLACES	± ---	± ---	APPROVED BY J COMERC I	DATE 2010/03/05		
	1 PLACE	± ---	± ---	ANGULAR ± 1/2°		 <b>MOLEX INCORPORATED</b>	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE CHART		DOCUMENT NO. SD-46556-001	SHEET NO. 3 OF 4	

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5

4

3


2

1

	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	46556-1147	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
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, 63/Pb 37

SEE SHEET 1 EC NO: UCP2011-2778 DRWN: T GREGORI 2011/04/05 CHKD: APPR: J COMERC I 2011/04/06 REV DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE INCH ONLY		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
	4 PLACES	± ---	± ---	DRAWN BY T GREGORI	DATE 2007/05/17	TITLE <b>SEARAY SLIM PLUG ASSEMBLY .050 PITCH</b>		
	3 PLACES	± ---	± .005	CHECKED BY J COMERC I	DATE 2007/05/17			
	2 PLACES	± ---	± ---	APPROVED BY J COMERC I	DATE 2010/03/05			
	1 PLACE	± ---	± ---	ANGULAR ± 1/2°		 <b>MOLEX INCORPORATED</b>		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE CHART		DOCUMENT NO. SD-46556-001	SHEET NO. 4 OF 4		

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4

3

2

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