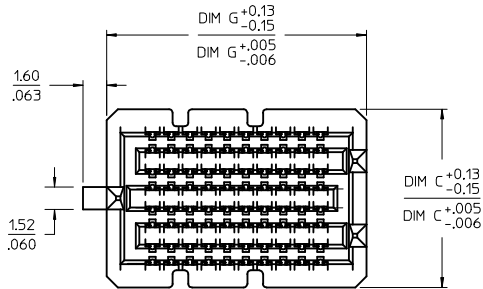
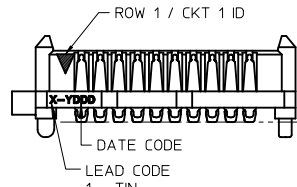


NOTES:

1. MATERIAL: HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL94V-0, BLACK
CONTACTS: COPPER ALLOY
SOLDER CHARGE: 95.5% TIN, 3.8% SILVER, 0.7% COPPER
2. FINISH: ALL DIM P HEIGHT OPTIONS - SELECT GOLD IN CONTACT AREA; 30 MICROINCH MINIMUM
DIM P HEIGHT OPTIONS 2.0 & 2.5: SELECT GOLD FLASH ON TAIL, 7 MICROINCH MINIMUM
DIM P HEIGHT OPTIONS 3.0 THRU 7.0: SELECT TIN ON TAIL, 50 MICROINCH MINIMUM
ALL OPTIONS - NICKEL UNDERPLATE OVERALL ON TAIL
3. PRODUCT SPECIFICATION: PS-45970-001
4. PACKAGING SPECIFICATION: PK-45971-002 (TAPE AND REEL)
5. MATES WITH SEARAY RECEPTACLE ASSEMBLY SERIES 45971
6. APPLICATION SPECIFICATION: AS-45970-001
7. COSMETIC SPECIFICATION: PS-45499-002 CLASS B
8. PART STATUS: CONTACT MOLEX

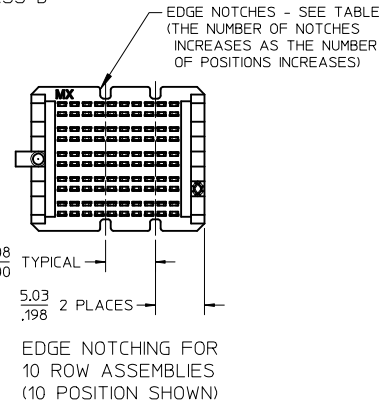
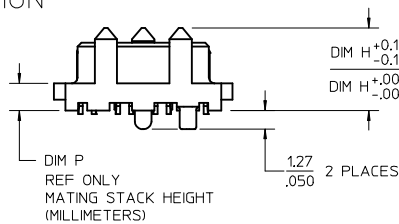


8 ROW
10 POSITION
SHOWN

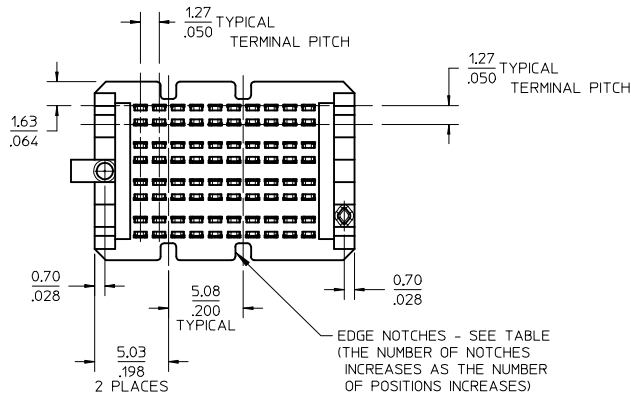


NOTE: THESE CODES MAY BE LOCATED
ON EITHER SIDE OF THE HOUSING

SEE TABLE
ACROSS ALL
SOLDER
CHARGES

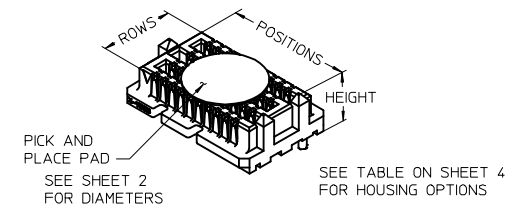
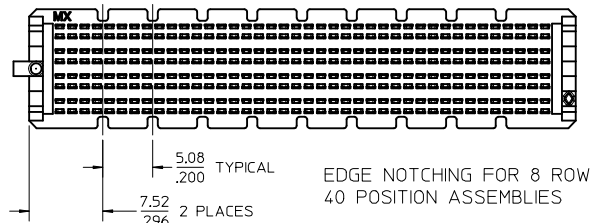


TOTAL NUMBER OF EDGE NOTCHES			
POSITIONS	8 ROW	6 AND 10 ROW	
10	4	4	0.15/.006
15	6	6	
20	10	10	
25	12	12	
30	14	14	
35	16	16	0.23/.009
40	18	20	
45	22	22	
50	24	24	



SEE OTHER EDGE NOTCHING VIEWS

SEE SHEET 3
FOR 6 ROW OPTION



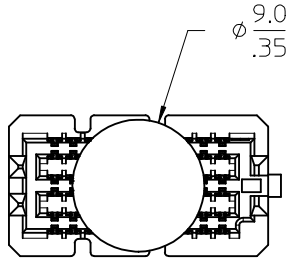
CLARIFY OVERALL LENGTH		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: UCP2015-5493		DRAWN: SVANG01		mm		MM/IN		3:1		INCH		THIRD ANGLE PROJECTION	
2015/06/25		2015/08/04		4 PLACES ± --- ± ---		DRAWN BY		DATE		DATE		DATE	
CHKD: TIBARRA		APPR: SMILLER		3 PLACES ± --- ± .010		TREGOR I		2005/01/27		DATE		DATE	
2015/08/07				2 PLACES ± 0.25 ± .015		CHECKED BY		DATE		2014/08/07		DATE	
				1 PLACE ± 0.38 ± ---		BBARKER		DATE		DATE		DATE	
				0 PLACE ± ±		APPROVED BY		DATE		2010/03/05		DATE	
				ANGULAR ± ---°		JCOMERC I		DATE				DATE	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DATE				DATE	
						SEE TABLE SHT 4		DATE				DATE	
						SIZE B		DATE				DATE	

SEARAY
PLUG ASSEMBLY
1.27/.050 CENTERS

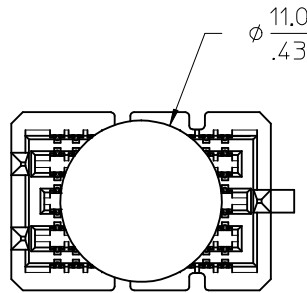
molex

DOCUMENT NO.		SHEET NO.	
SD-45970-001		1 OF 4	

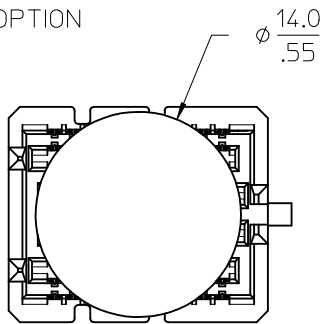
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



6 ROW OPTION



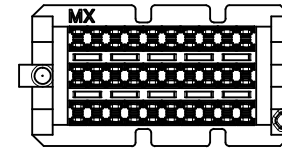
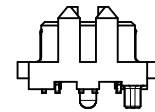
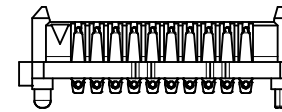
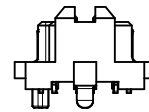
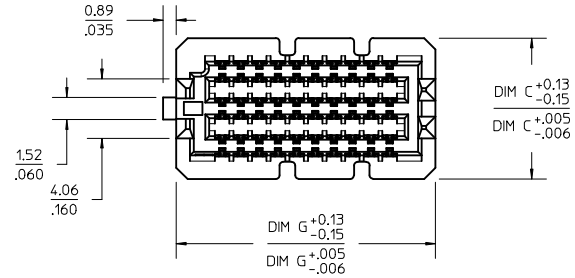
8 ROW OPTION



10 ROW OPTION

PICK AND PLACE
PAD DIAMETERS

10 POSITION VERSIONS SHOWN



6 ROW OPTION

10 POSITION VERSION
SHOWN FOR REFERENCE

DIMENSIONS SHOWN ON
OTHER SHEETS APPLY TO
THE 6 ROW OPTION ALSO
(EXCEPT AS OTHERWISE
NOTED ON THIS SHEET)

SEE SHEET 1 EC NO: UCP2015-5493 DRWN:SVANG01 2015/06/25 CHKD:TIBARRA 2015/08/04 APPR:SMILLER 2015/08/07	DESCRIPTION
---	---

6

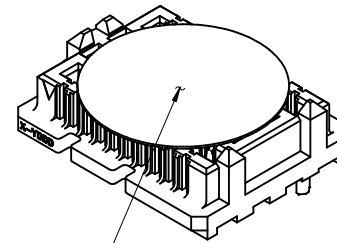
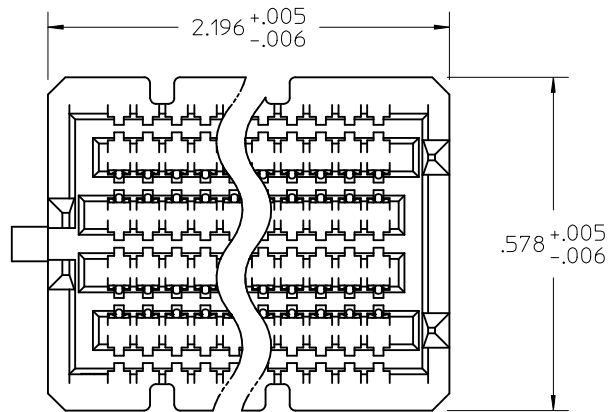
5

4

3

2

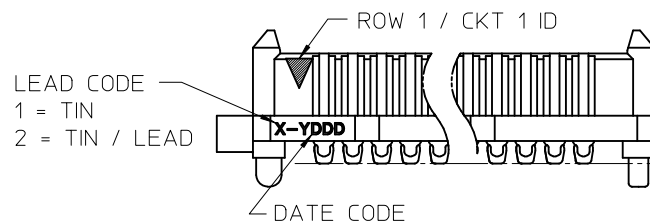
1



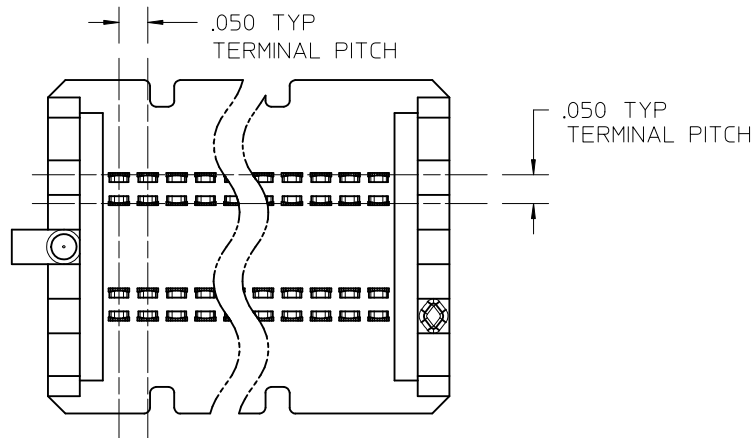
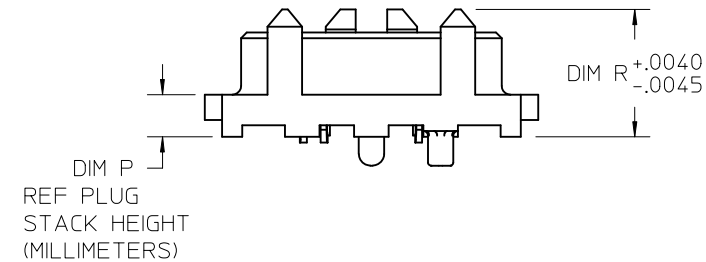
PICK AND
PLACE CAP

NOTES:

1. MATERIAL: HOUSING: LCP, UL94V-0, BLACK
CONTACTS: COPPER ALLOY
SOLDER CHARGE: SEE CHARTS
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 RECEPTACLE ASSY 45971
6. APPLICATION SPECIFICATION: AS-45970-001
7. COSMETIC SPECIFICATION: PS-45499-002 CLASS B



$\frac{.006}{\text{ACROSS ALL
SOLDER CHARGES}}$



TIN	MATERIAL NO:	45970-4105	45970-4305
	DIM P (REF)	2.0 MM	3.5 MM
	DIM R	.221	.280

TIN / LEAD	MATERIAL NO:	45970-4107	45970-4307
	DIM P (REF)	2.0 MM	3.5 MM
	DIM R	.221	.280

INITIAL RELEASE	EC NO: UCP2010-0292	2009/08/04	2009/08/04	2009/08/05
DRWN: TGREGORI	CH'KD: JCOMERC I	APPR: JCOMERC I		
REV	A			

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± ---	± .015
1 PLACE	± ---	± ---
ANGULAR ± ---°		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
INCH ONLY

DRAWN BY	DATE
TGREGORI	2009/07/31
CHECKED BY	DATE
JCOMERC I	
APPROVED BY	DATE
JCOMERC I	2009/08/04

MATERIAL NO.

SEE CHART

SIZE
ASCALE
3:1DESIGN UNITS
INCHTHIRD ANGLE
PROJECTION

SEARAY PLUG ASSEMBLY
.050 CENTERS
FOR VITA 57 SPEC

MOLEX INCORPORATED

DOCUMENT NO.

SD-45970-057

SHEET NO.

1 OF 2

5

4

3

2

SD_PACKAGE: CM-45970-001

