

6

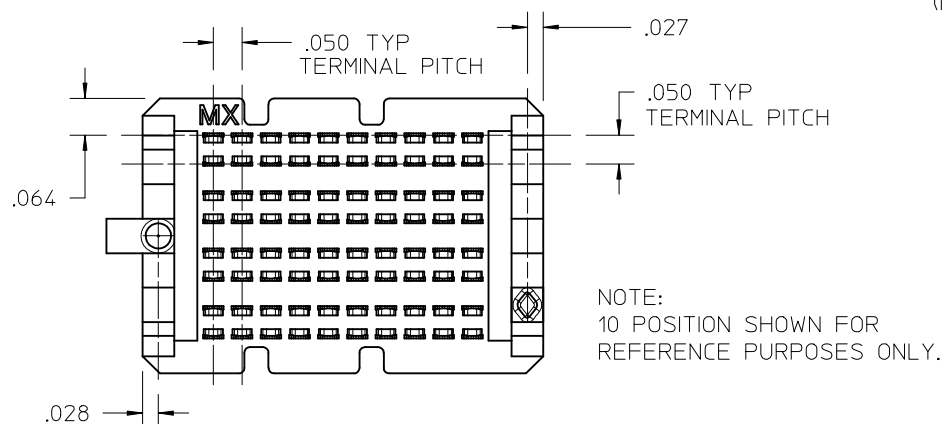
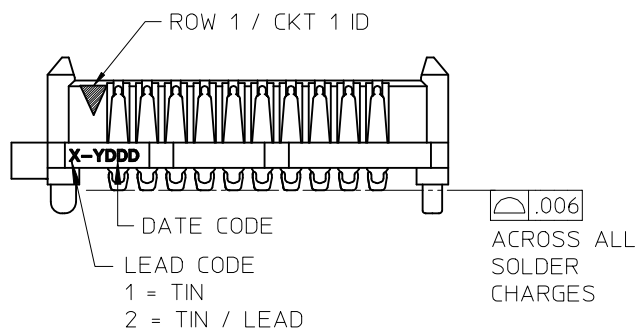
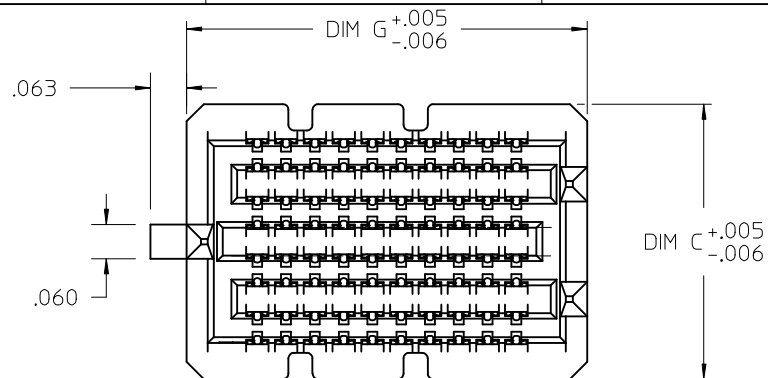
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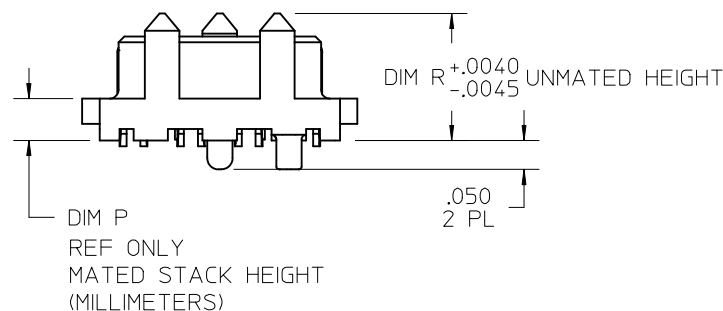
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1

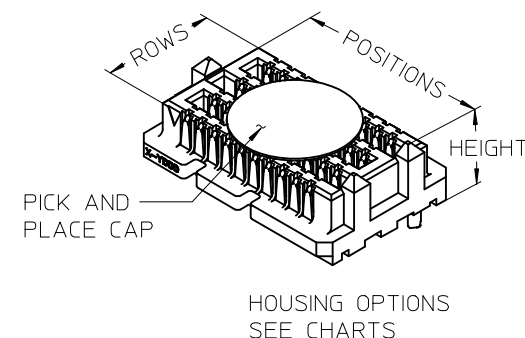


NOTES:

- MATERIAL: HOUSING: LCP, UL94V-0, BLACK
CONTACTS: COPPER ALLOY
SOLDER CHARGE: TIN, 95.5/ Ag 3.8/ Cu 0.7
- FINISH: SELECT GOLD IN CONTACT AREA: 30 MICROINCHES MINIMUM
SELECT GOLD FLASH IN TAIL, 7 MICROINCHES MINIMUM OVER NICKEL
- PRODUCT SPECIFICATION: PS-45970-001
- PACKAGING SPECIFICATION: TAPE AND REEL PACK. REFERENCE RPK-45971-009
- MATES WITH SEARAY RECEPTACLE ASSY 45971
- APPLICATION SPECIFICATION: AS-45970-001
- COSMETIC SPECIFICATION: PS-45499-002 CLASS B
- PART STATUS: CONTACT MOLEX



NO OF ROWS	8
POSITIONS	40
DIM C	.478
DIM E	.175
DIM G	2.196
DIM P	2.0 MM
DIM R	.221



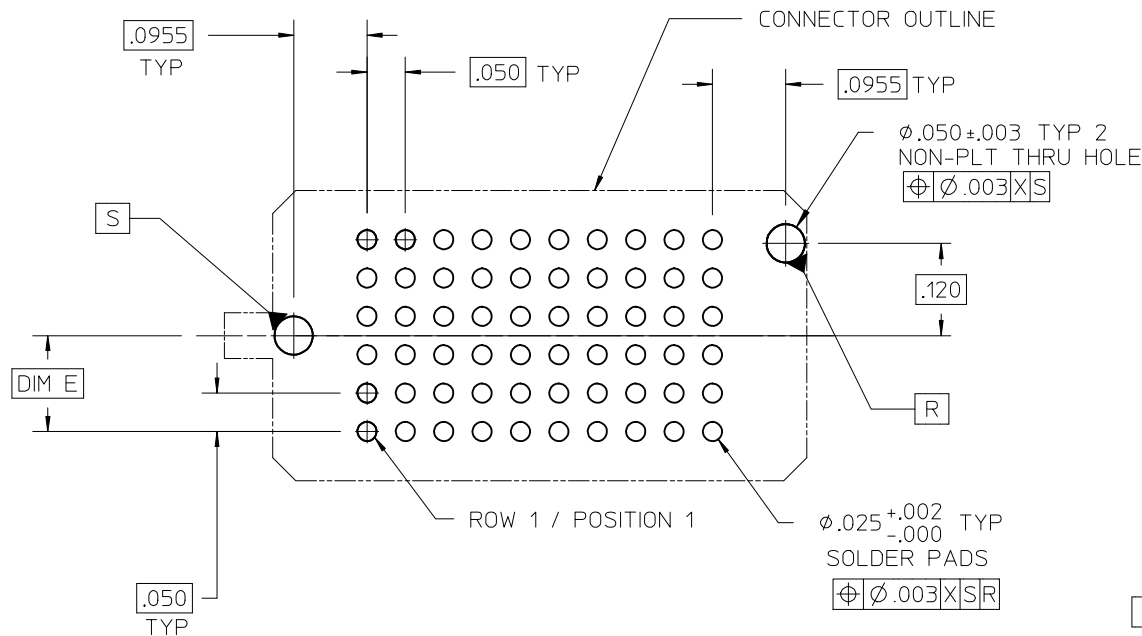
REV. NOTE 4 TO REF. RPK-45970-009	DRWN:SVANG01	2015/08/12
EC NO: UCP2015-3314	CH'KD:BBARKER	2015/08/12
	APPR:SMILLER	2015/08/14
B	REV	

QUALITY SYMBOLS
$\nabla \text{E} = 0$
$\nabla \text{E} = 0$
$\nabla \text{E} = 0$

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	$\pm$ ---	$\pm$ ---
3 PLACES	$\pm$ ---	$\pm$.010
2 PLACES	$\pm$ ---	$\pm$.015
1 PLACE	$\pm$ ---	$\pm$ ---
0 PLACE	$\pm$	$\pm$
ANGULAR $\pm$ ---°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
INCH ONLY	
DRAWN BY	DATE
RWHIPPLE	2014/04/18
CHECKED BY	DATE
BBARKER	2014/04/18
APPROVED BY	DATE
SMILLER	2014/05/22
MATERIAL NO.	
45970-4130	
SIZE	
A	

SCALE 3:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
TITLE SEARAY PLUG ASSEMBLY .050 CENTERS molex		
DOCUMENT NO. RSD-45970-4130		SHEET NO. 1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



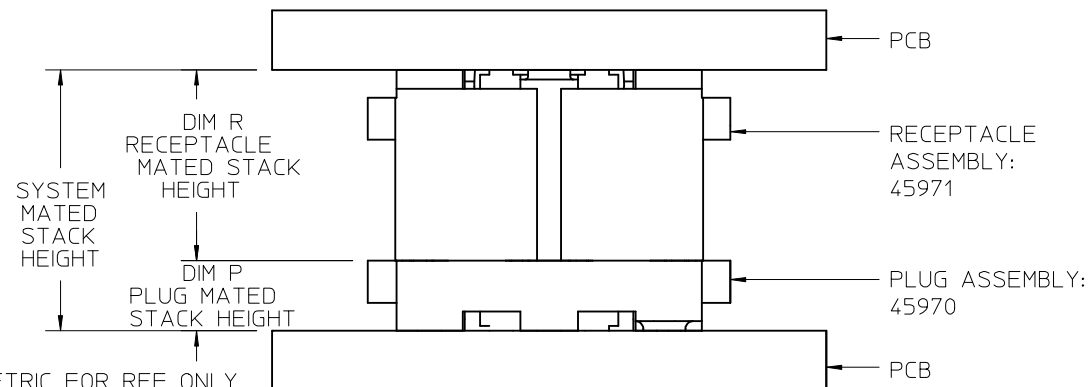
.005 MIN
SOLDER PASTE
THICKNESS

F

RECOMMENDED PCB LAYOUT: COMPONENT SIDE
SOLDER SCREEN APERTURE SIZE: .035 F
PCB THICKNESS: NA

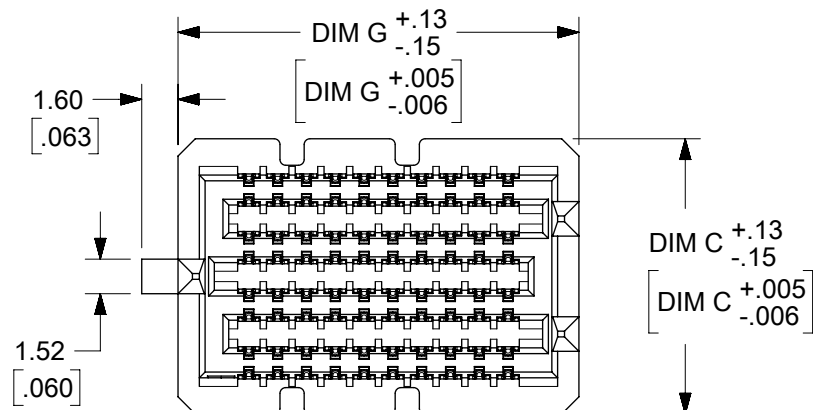
		DIM R RECEPTACLE STACK HEIGHT					
		MM	5.0	6.0	6.5	7.5	8.0
DIM P PLUG STACK HEIGHT		2.0	7.0	8.0	8.5	9.5	10.0

MATED STACK HEIGHTS
(MILLIMETERS) REF

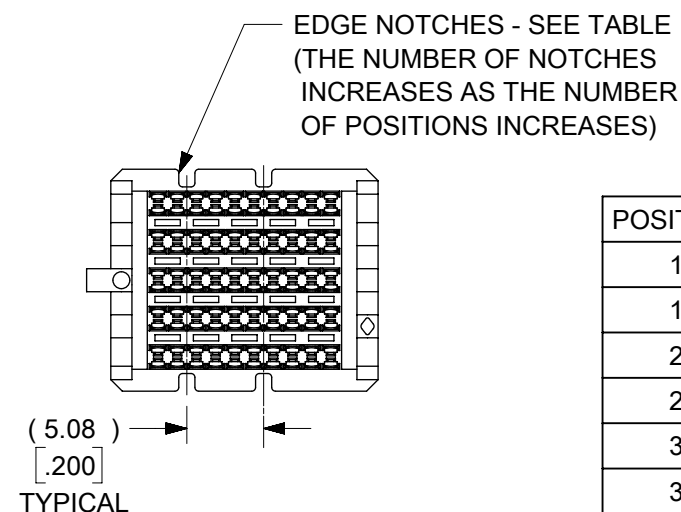
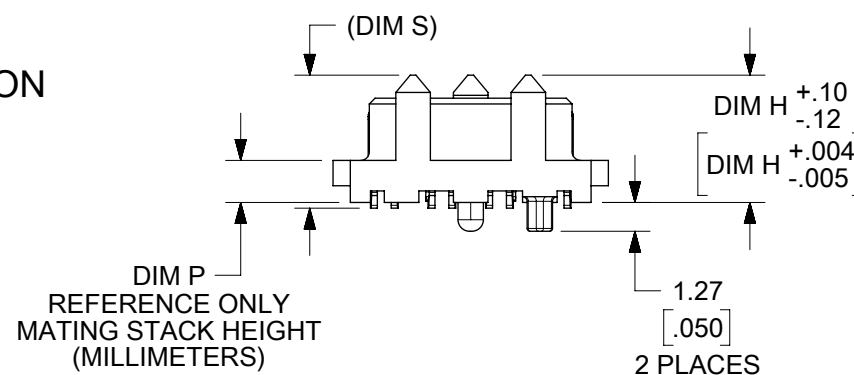
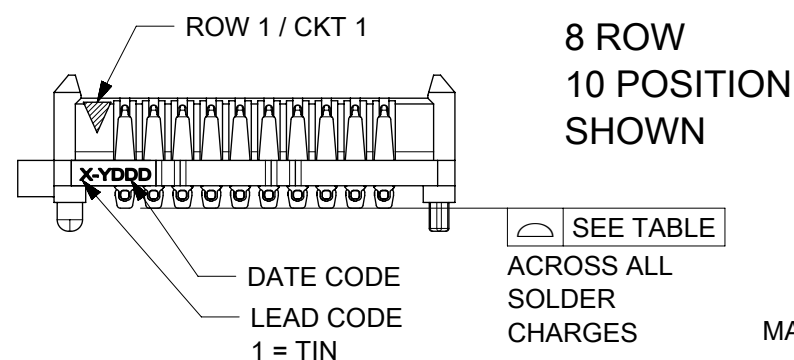


STACK HEIGHTS GIVEN IN METRIC FOR REF ONLY

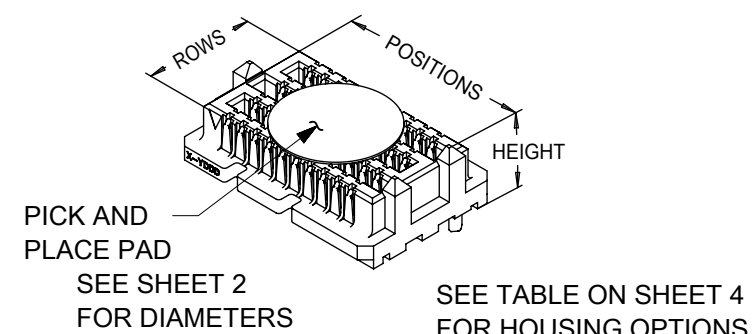
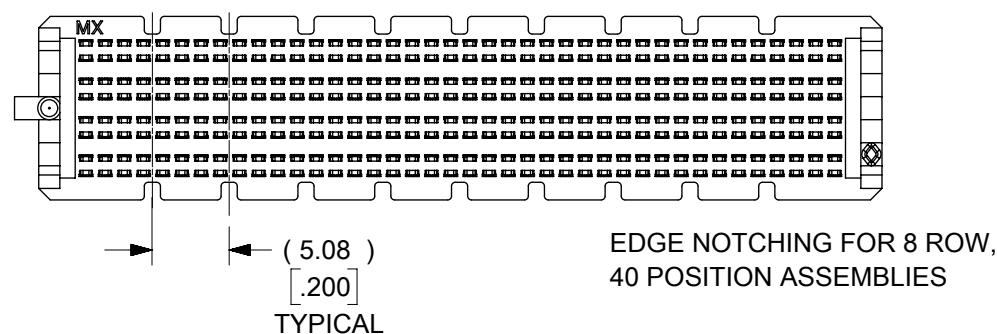
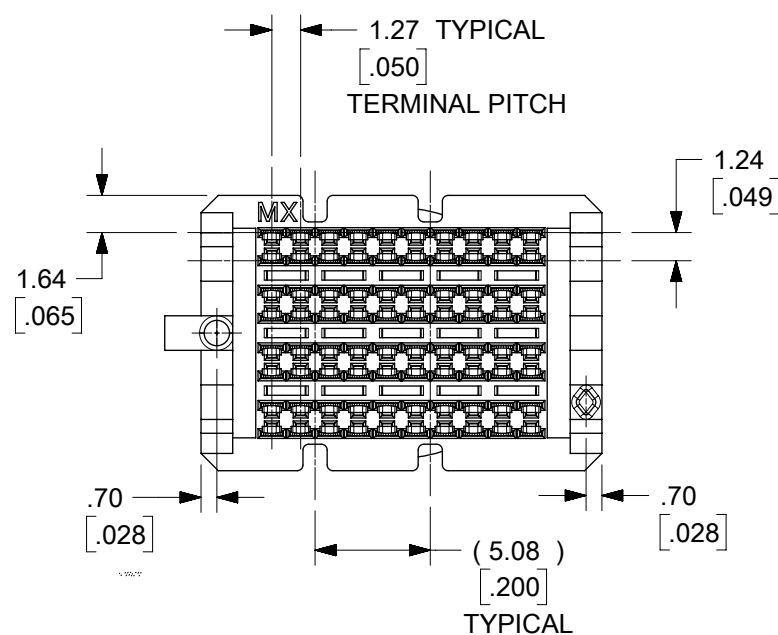
SEE SHEET 1 EC NO: UCP2015-3314 DRWN:SVANG01 2015/08/12 CH'KD:BBARKER 2015/08/12 APPR:SMILLER 2015/08/14	DESCRIPTION REV	QUALITY SYMBOLS F_A = 0 F_E = 0 F_F = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE INCH ONLY		SCALE 4:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY RWHIPPLE	DATE 2014/04/18	TITLE SEARAY PLUG ASSEMBLY .050 CENTERS molex				
			4 PLACES	± ---	± ---	CHECKED BY BBARKER	DATE 2014/04/18					
			3 PLACES	± ---	± .010	APPROVED BY SMILLER		DATE 2014/05/22	DOCUMENT NO. RSD-45970-4130 SHEET NO. 2 OF 2			
			2 PLACES	± ---	± .015							
			1 PLACE	± ---	± ---	SEE SHEET 1						
			0 PLACE	±	±							
			ANGULAR ±---°			MATERIAL NO.						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



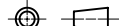
- NOTES:
1. MATERIAL: HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL94V-0, BLACK
CONTACTS: COPPER ALLOY
SOLDER CHARGE: 95.5% TIN, 3.8% SILVER, 0.7% COPPER
 2. FINISH: ALL DIM P HEIGHT OPTIONS - SELECT GOLD IN CONTACT AREA: 30 MICROINCH MINIMUM
DIM P HEIGHT OPTIONS 2.0 & 2.5: SELECT GOLD FLASH 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-45970-002 (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
- EDGE NOTCHES - SEE

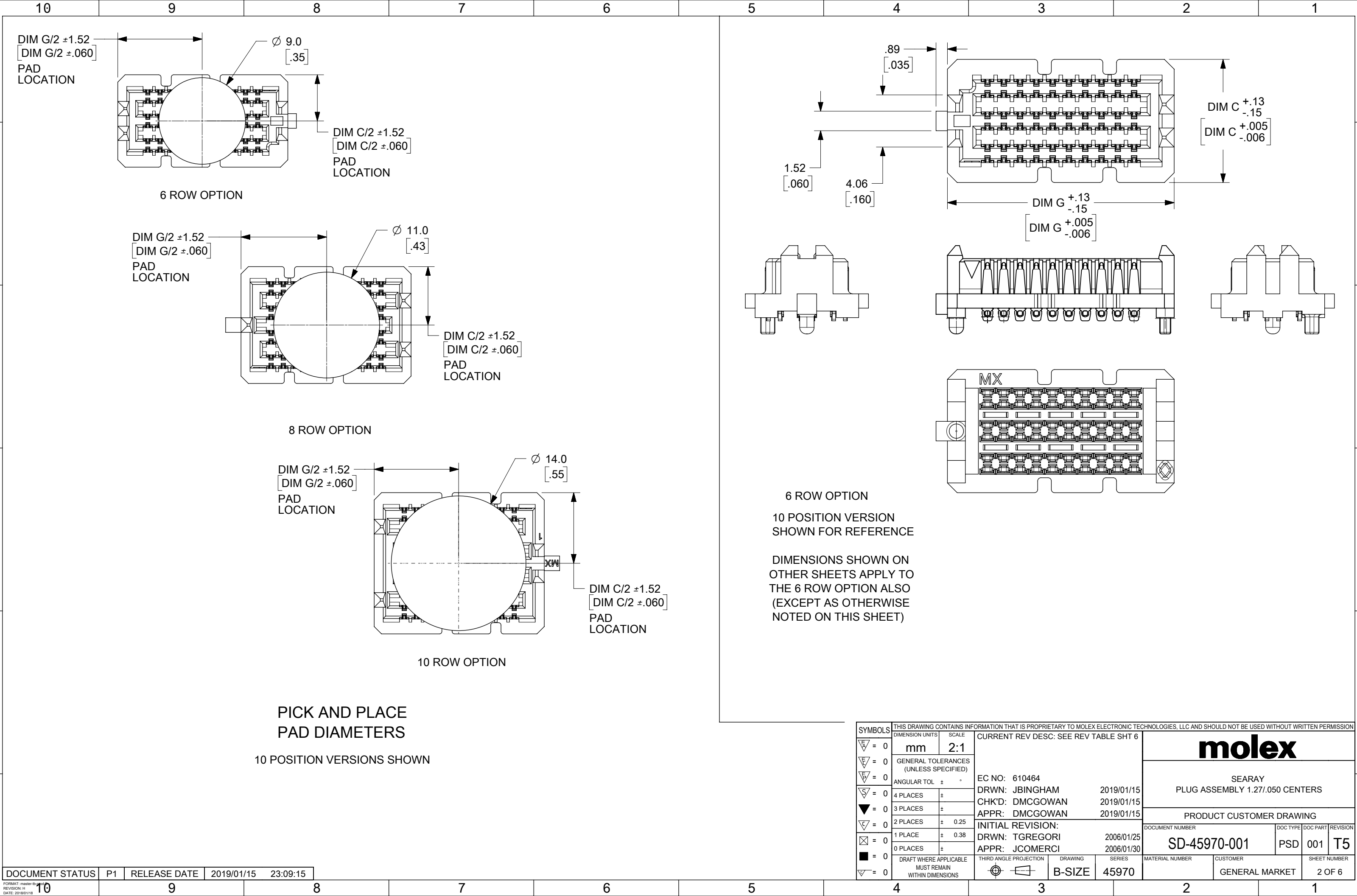


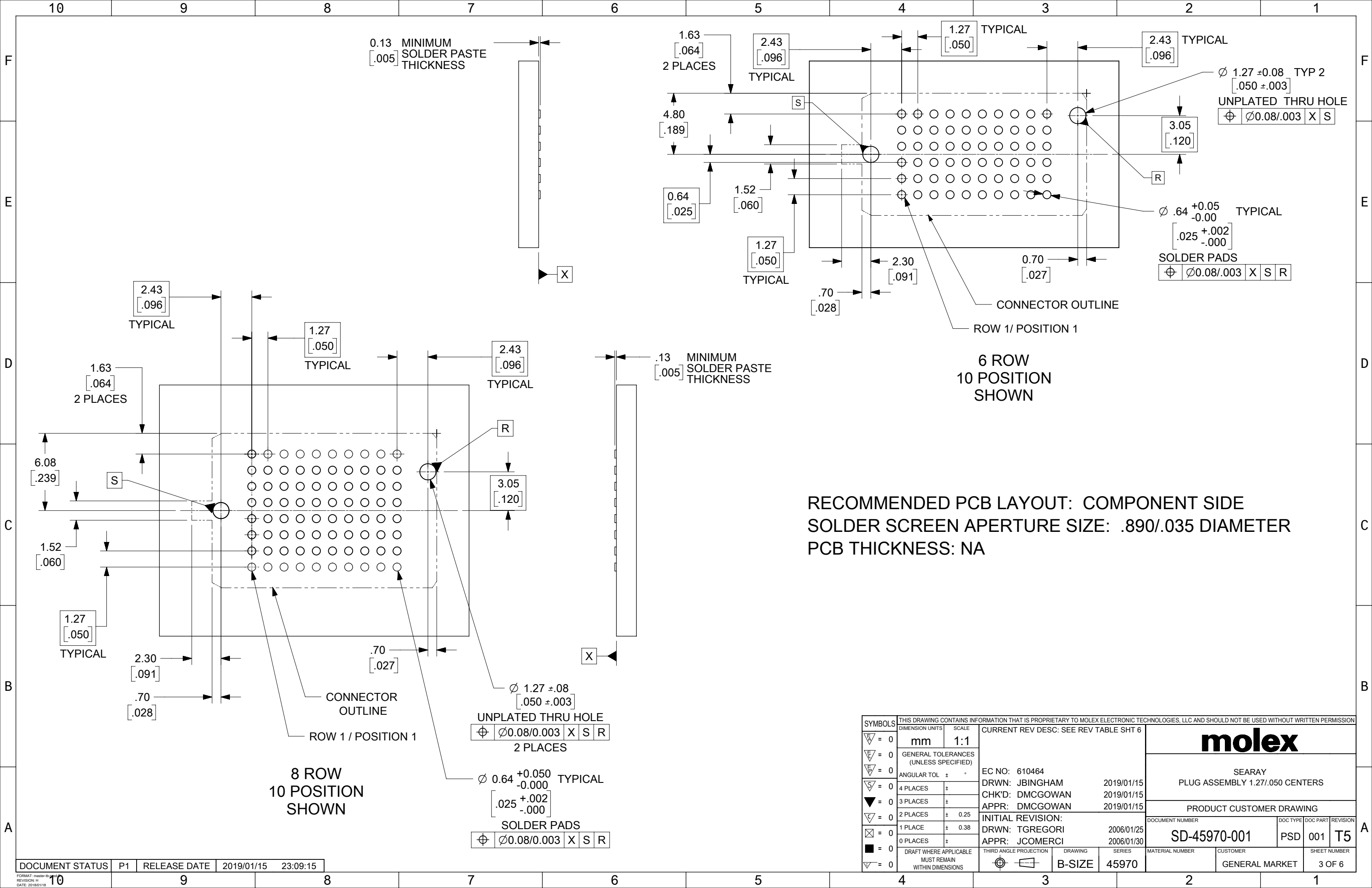
TOTAL NUMBER OF EDGE NOTCHES		
POSITIONS	8 ROW	6 AND 10 ROW
10	4	4
15	6	6
20	10	10
25	12	12
30	14	14
35	16	16
40	18	20
45	22	22
50	24	24



SEE OTHER EDGE NOTCHING VIEWS
SEE SHEET 3
FOR 6 ROW OPTION

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REV TABLE SHT 6				molex			
mm		4:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 610464 DRWN: JBINGHAM 2019/01/15 CHK'D: DMCGOWAN 2019/01/15 APPR: DMCGOWAN 2019/01/15				SEARAY PLUG ASSEMBLY 1.27/.050 CENTERS					
ANGULAR TOL ± °											
4 PLACES ±											
3 PLACES ±		INITIAL REVISION: DRWN: TGREGORI 2006/01/25 APPR: JCOMERCI 2006/01/30				PRODUCT CUSTOMER DRAWING					
2 PLACES ± 0.25											
1 PLACE ± 0.38											
0 PLACES ±		DOCUMENT NUMBER SD-45970-001				DOC TYPE PSD	DOC PART 001	REVISION T5			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
		B-SIZE		45970				GENERAL MARKET		1 OF 6	





SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
	= 0	DIMENSION UNITS	SCALE
	= 0	mm	1:1
	= 0	CURRENT REV DESC: SEE REV TABLE SHT 6	
	= 0	EC NO: 610464 DRWN: JBRINGHAM 2019/01/15 CHK'D: DMCGOWAN 2019/01/15 APPR: DMCGOWAN 2019/01/15	
	= 0		
	= 0		
	= 0		
	= 0	INITIAL REVISION: DRWN: TGREGORI 2006/01/25 APPR: JCOMERCI 2006/01/30	
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
	= 0	THIRD ANGLE PROJECTION	DRAWING
	= 0	B-SIZE	SERIES
	= 0	45970	SHEET NUMBER

molex			
SEARAY PLUG ASSEMBLY 1.27/.050 CENTERS			
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-45970-001	PSD	001	T5
MATERIAL NUMBER	CUSTOMER		SHEET NUMBER
	GENERAL MARKET		3 OF 6

