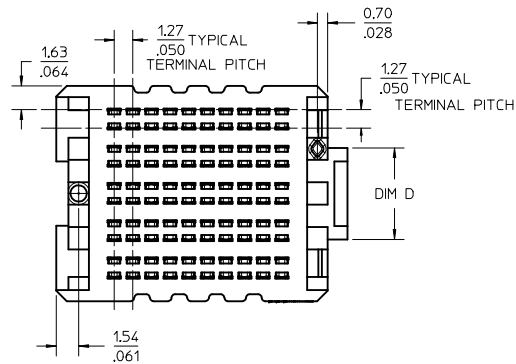
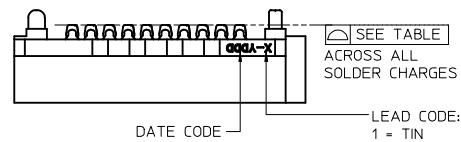


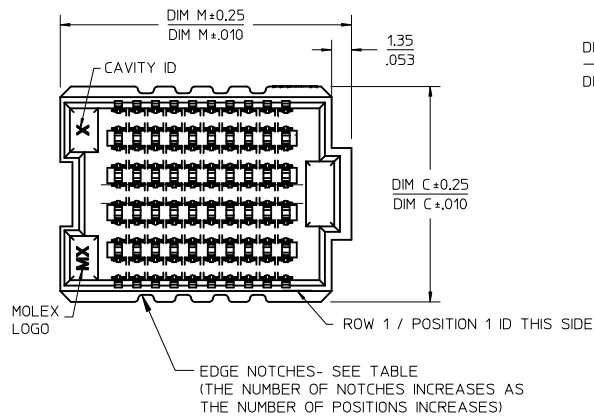
10 9 8 7 6 5 4 3 2 1



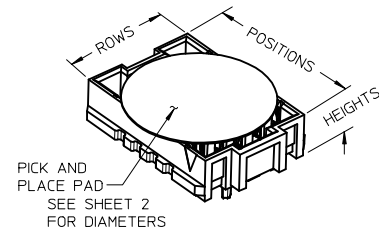
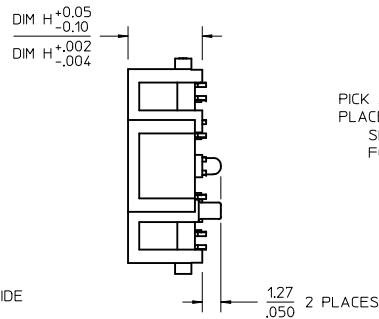
10 ROW
10 POSITION
SHOWN



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



SEE SHEET 3 FOR
6 ROW GEOMETRY



NOTES:

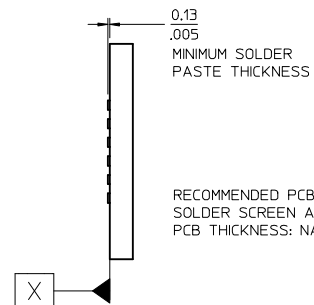
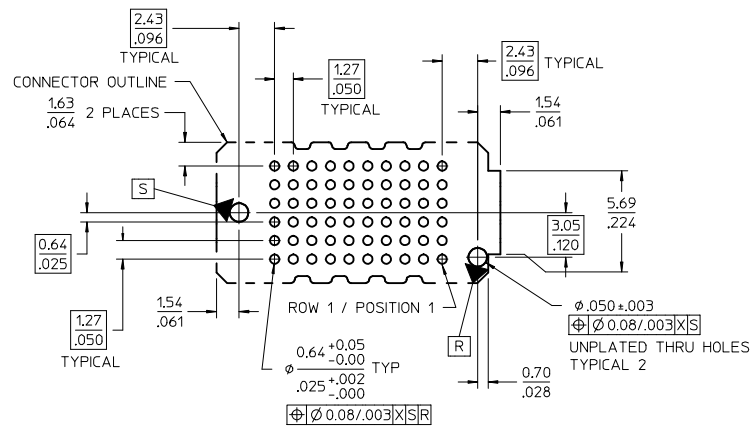
1. MATERIALS: HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL94V-0, BLACK
CONTACTS: COPPER ALLOY
SOLDER CHARGE: 95% TIN, 3.8% SILVER, 0.7% COPPER
2. FINISH: SELECT GOLD IN CONTACT AREA: 30 MICROINCH MINIMUM
SELECT TIN IN TAIL, 50 MICROINCH MINIMUM
OVERALL NICKEL UNDERPLATE
3. PRODUCT SPECIFICATION: PS-45970-001
4. PACKAGING SPECIFICATION: PK-45971-002 (TAPE AND REEL)
5. MATES WITH SEARAY PLUG ASSEMBLY SERIES 45970
6. APPLICATION SPECIFICATION: AS-45970-001
7. COSMETIC SPECIFICATION: PS-45499-002 CLASS B
8. PART STATUS: CONTACT MOLEX

POSITIONS	TOTAL NUMBER OF EDGE NOTCHES	
10	8	0.15/.006
15	14	
20	18	
25	24	
30	28	
35	34	0.23/.009
40	38	
45	44	
50	48	

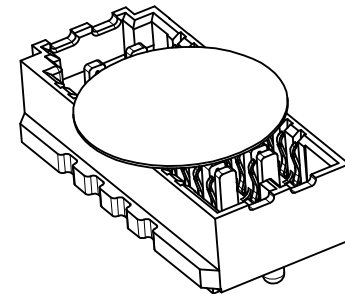
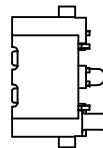
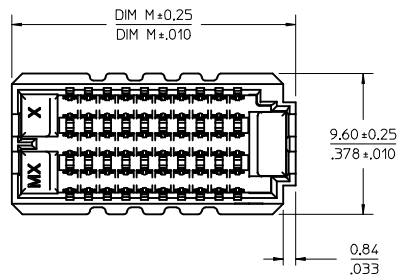
CLARIFY OVERALL LENGTH EC NO: UCP2015-5493 2015/06/25 DRAWN: SVANG01 2015/08/04 CHKD: TIBARRA 2015/08/07 APPR: SMILLER	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- 0 PLACE ± ± ANGULAR ± ---° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM/IN		SCALE 3:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
			DRAWN BY TREGORI	DATE 2005/05/17	TITLE SEARAY RECEPTACLE ASSEMBLY 1.27/.050 CENTERS					
			CHECKED BY JCOMERCI	DATE 2005/05/17						
			APPROVED BY JCOMERCI	DATE 2010/03/05	molex					
			MATERIAL NO.						DOCUMENT NO.	SHEET NO.
			SEE TABLES SHT 4						SD-45971-001	1 OF 4
			X	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

10 9 8 7 6 5 4 3 2 1

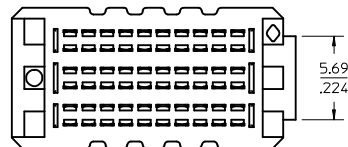
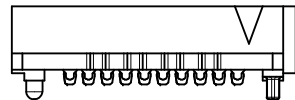
6 ROW
10 POSITION



RECOMMENDED PCB LAYOUT: COMPONENT SIDE
SOLDER SCREEN APERTURE SIZE: .089/.035 DIAMETER
PCB THICKNESS: NA



6 ROW
10 POSITION
SHOWN



SEE SHEET 1 EC NO: UCP2015-5493 DRAWN: SVANG01 2015/06/25 CHKD: TIBARRA 2015/08/04 APPR: SMILLER 2015/08/07 X	REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 3:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	SEARAY RECEPTACLE ASSEMBLY 1.27/.050 CENTERS molex	
					mm	INCH	DRAWN BY TGREGORI	DATE 2005/05/17	TITLE			
				4 PLACES	± ---	± ---	CHECKED BY JCOMERC I	DATE 2005/05/17				
				3 PLACES	± ---	± .010	APPROVED BY JCOMERC I	DATE 2010/03/05				
				2 PLACES	± 0.25	± .015	MATERIAL NO. SEE TABLES SHT 4					
				1 PLACE	± 0.38	± ---						DOCUMENT NO. SD-45971-001
				0 PLACE	±	±	SHEET NO. 3 OF 4					
ANGULAR ± ---° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

ROWS: 10 DIMENSION C = 14,68/578 DIMENSION D = 6.24/246						
DIM R: (REF)		5.0 MM	6.0 MM	6.5 MM	7.5 MM	8.0 MM
DIM H:		5.05/199	6.04/238	6.66/258	7.54/297	8.05/317
POSITION	DIM M	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO
10	19.88/0.784	45971-1115	45971-1215	45971-1315	45971-1415	45971-1515
20	32.58/1.284	45971-2115	45971-2215	45971-2315	45971-2415	45971-2515
30	45.28/1.784	45971-3115	45971-3215	45971-3315	45971-3415	45971-3515
40	57.98/2.284	45971-4115	45971-4215	45971-4315	45971-4415	45971-4515
50	70.68/2.784	45971-5115	45971-5215	45971-5315	45971-5415	45971-5515
15	26.23/1.034	45971-6115	45971-6215	45971-6315	45971-6415	45971-6515
25	38.93/1.534	45971-7115	45971-7215	45971-7315	45971-7415	45971-7515
35	51.63/2.034	45971-8115	45971-8215	45971-8315	45971-8415	45971-8515
45	64.33/2.534	45971-9115	45971-9215	45971-9315	45971-9415	45971-9515



MATING STACK HEIGHTS (DIMENSION R)
GIVEN IN MILLIMETERS (MM) FOR REFERENCE ONLY

MATED STACK HEIGHTS
GIVEN IN MILLIMETERS (MM) FOR REFERENCE ONLY

tb_frame_B_P_AM_T
Rev. G 2012/01/11