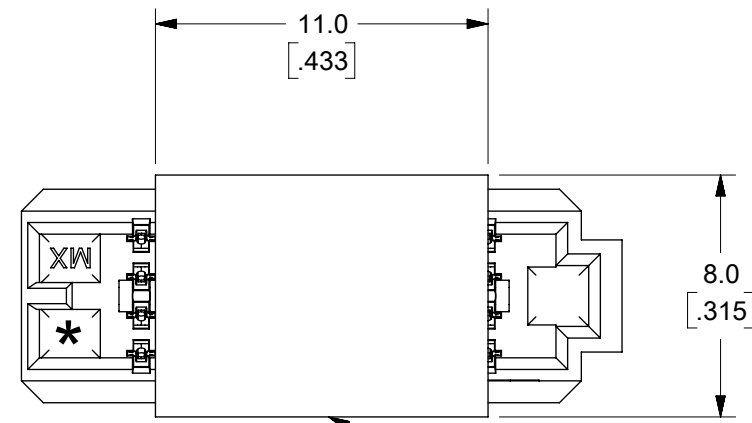
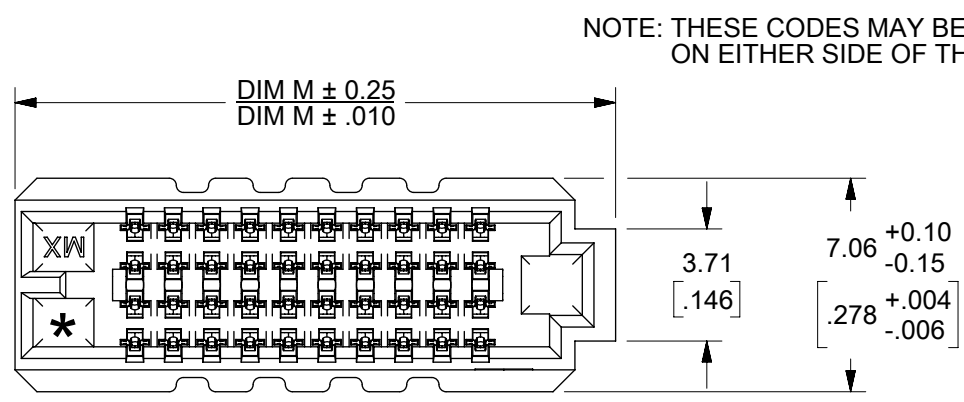
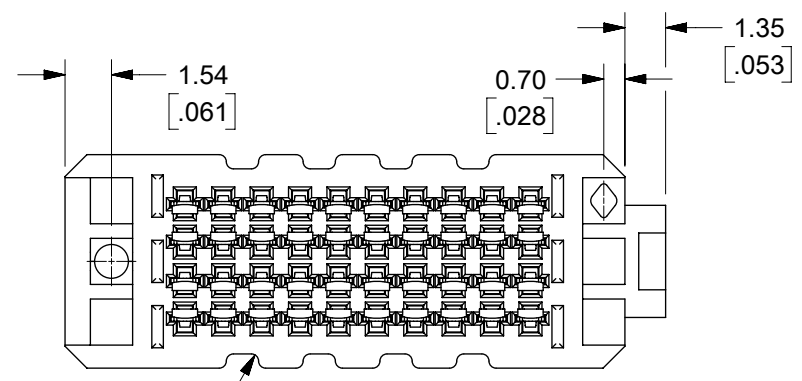
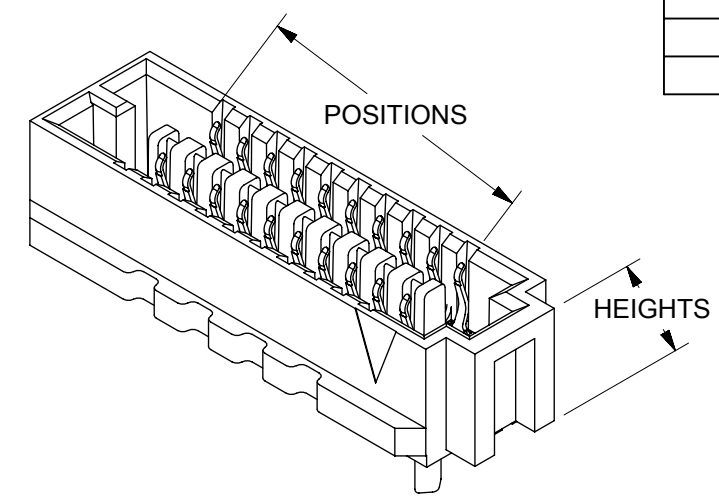
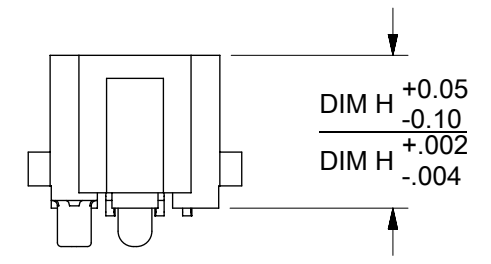
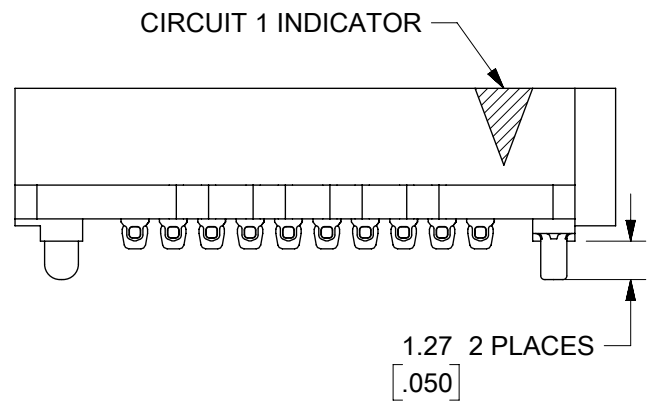


- NOTES:
- MATERIALS: HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL94V-0, BLACK  
CONTACTS: COPPER ALLOY  
SOLDER CHARGE: 95.5% TIN, 3.8% SILVER, 0.7 % COPPER
  - FINISHES: 30 MICROINCH MINIMUM GOLD IN THE CONTACT AREA, 50 MICROINCH MINIMUM TIN IN THE TAIL AREA, OVERALL NICKEL UNDERPLATE.
  - PRODUCT SPECIFICATION: PS-45970-001
  - PACKAGING SPECIFICATION: PK-45971-002 (TAPE AND REEL)
  - MATES WITH SEARAY SLIM PLUG ASSY SERIES 46556
  - APPLICATION SPECIFICATION: AS-45970-001
  - COSMETIC SPECIFICATION: PS-45499-002 CLASS B
  - PART STATUS: CONTACT MOLEX



PICK AND PLACE PAD  
(SHOWN IN THIS VIEW ONLY)

POSITIONS	DIM M		TOTAL NUMBER OF EDGE NOTCHES
10	19.88/784	0.15/.006	8
15	26.23/1.034	0.15/.006	14
20	32.58/1.284	0.15/.006	18
25	38.93/1.534	0.15/.006	24
30	45.28/1.784	0.15/.006	28
35	51.63/2.034	0.15/.006	34
40	57.98/2.284	0.15/.006	38
45	64.33/2.534	0.23/.009	44
50	70.68/2.784	0.23/.009	48



10 POSITION VERSION  
SHOWN IN THESE VIEWS

EDGE NOTCHES- SEE TABLE  
(THE NUMBER OF NOTCHES INCREASES AS THE NUMBER OF POSITIONS INCREASES)

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

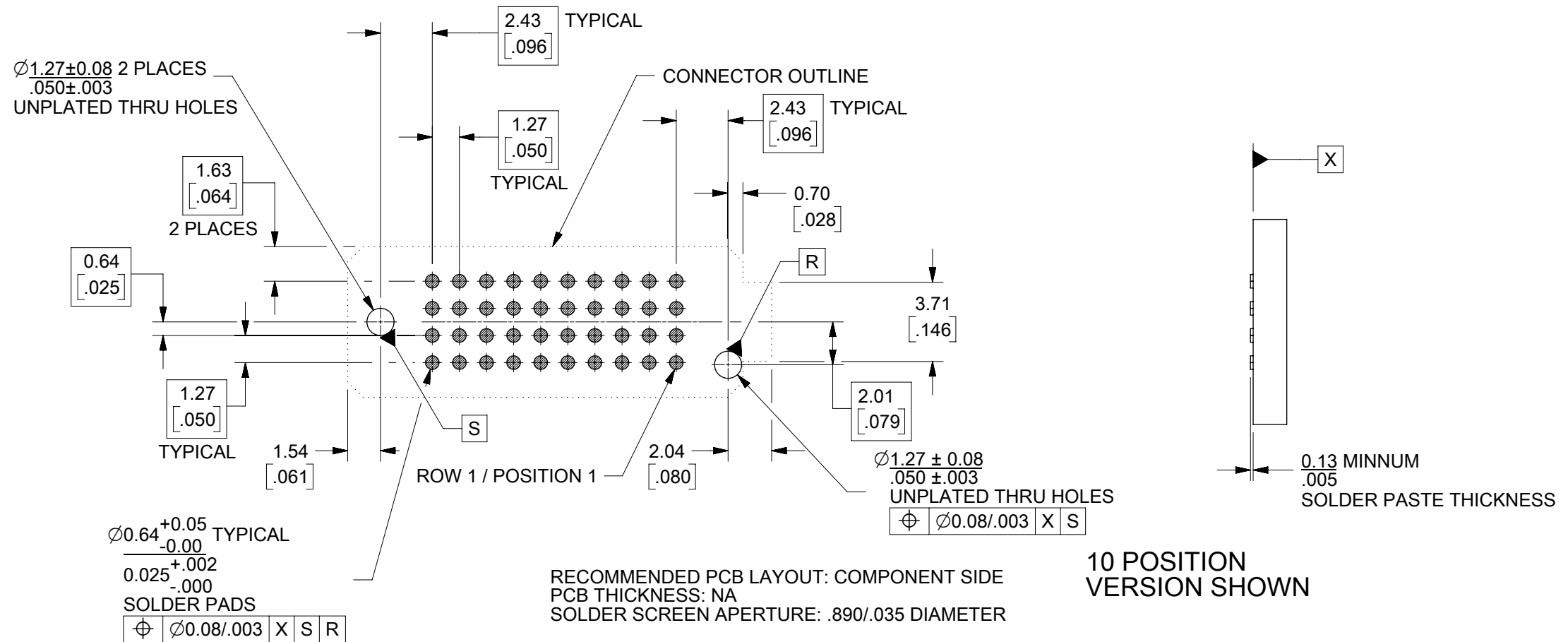
SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC: REVISED		
	MM/IN	4:1			
= 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 644510		
	ANGULAR TOL $\pm$ °		DRWN: HCGOH 2020/05/23		
	4 PLACES $\pm$		CHK'D: JESSIECHUA 2020/09/17		
	3 PLACES $\pm$		APPR: SHONG 2020/09/21		
	2 PLACES $\pm 0.25$		INITIAL REVISION:		
	1 PLACE $\pm 0.38$		DRWN: TGREGORI 2007/05/21		
0 PLACES $\pm$		APPR: JCOMERCI 2010/03/05			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			B-SIZE	46557	SEE TABLE SHT 3
					CUSTOMER
					GENERAL MARKET
					SHEET NUMBER
					1 OF 3

**molex**

SEARAY SLIM (4 ROW)  
RECEPTACLE ASSEMBLY 1.27/.050 PITCH

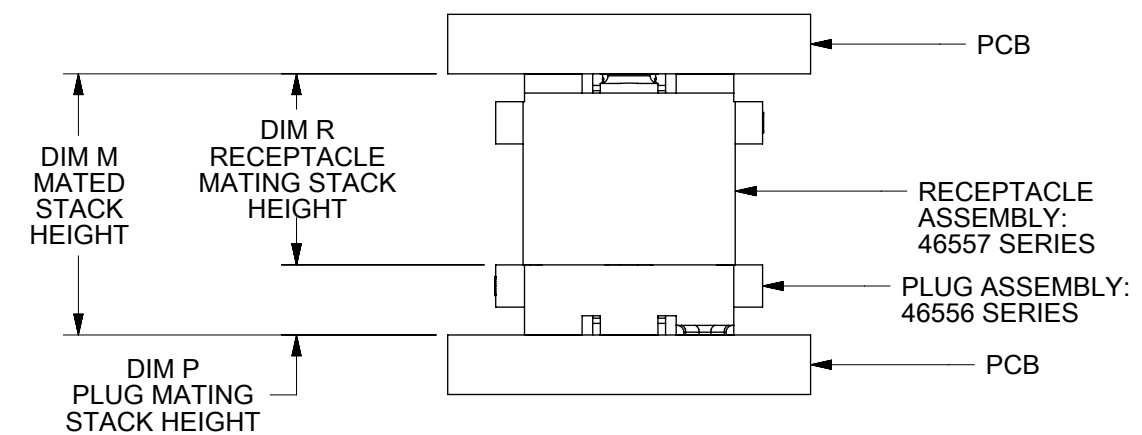
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: SD-46557-001 | DOC TYPE: PSD | DOC PART: 001 | REVISION: P2



		DIM R RECEPTACLE STACK HEIGHT									
		5.0		6.0		6.5		7.5		8.0	
DIM P PLUG STACK HEIGHT	mm	DIM M FULLY MATED	DIM M MAX	DIM M FULLY MATED	DIM M MAX	DIM M FULLY MATED	DIM M MAX	DIM M FULLY MATED	DIM M MAX	DIM M FULLY MATED	DIM M MAX
	2.0	7.00	7.74	8.00	8.74	8.50	9.24	9.50	10.24	10.00	10.74
	3.0	8.00	8.74	9.00	9.74	9.50	10.24	10.50	11.24	11.00	11.74
	3.5	8.50	9.24	9.50	10.24	10.00	10.74	11.00	11.74	11.50	12.24
	2.5	7.50	8.24	8.50	9.24	9.00	9.74	10.00	10.74	10.50	11.24
	4.5	9.50	10.24	10.50	11.24	11.00	11.74	12.00	12.74	12.50	13.24
	5.0	10.00	10.74	11.00	11.74	11.50	12.24	12.50	13.24	13.00	13.74
	7.0	12.00	12.74	13.00	13.74	13.50	14.24	14.50	15.24	15.00	15.74

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



STACK HEIGHTS  
GIVEN IN MILLIMETERS (mm) FOR REFERENCE ONLY

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: REVISED					
▽ = 0		MM/IN		4:1		<b>molex</b> SEARAY SLIM (4 ROW) RECEPTACLE ASSEMBLY 1.27/.050 PITCH PRODUCT CUSTOMER DRAWING EC NO: 644510 DRWN: HCGOH 2020/05/23 CHK'D: JESSIECHUA 2020/09/17 APPR: SHONG 2020/09/21 INITIAL REVISION: DRWN: TGGREGORI 2007/05/21 APPR: JCOMERCI 2010/03/05					
▽ = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)									
▽ = 0		ANGULAR TOL ± °									
▽ = 0		4 PLACES ±									
▽ = 0		3 PLACES ±									
▽ = 0		2 PLACES ± 0.25									
▽ = 0		1 PLACE ± 0.38									
▽ = 0		0 PLACES ±									
▽ = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
▽ = 0				B-SIZE		46557		SEE TABLE SHT 3		CUSTOMER	
▽ = 0								GENERAL MARKET		SHEET NUMBER	
▽ = 0								2 OF 3			

E

D

C

B

A

DIM R: (REF)	5.0 mm	6.0 mm	6.5 mm	7.5 mm	8.0 mm
DIM H:	5.04/.199	6.04/.238	6.55/.258	7.54/.297	8.05/.317
POSITIONS	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO
10	46557-1145	46557-1245	46557-1345	46557-1445	46557-1545
20	46557-2145	46557-2245	46557-2345	46557-2445	46557-2545
30	46557-3145	46557-3245	46557-3345	46557-3445	46557-3545
40	46557-4145	46557-4245	46557-4345	46557-4445	46557-4545
50	46557-5145	46557-5245	46557-5345	46557-5445	46557-5545
15	46557-6145	46557-6245	46557-6345	46557-6445	46557-6545
25	46557-7145	46557-7245	46557-7345	46557-7445	46557-7545
35	46557-8145	46557-8245	46557-8345	46557-8445	46557-8545
45	46557-9145	46557-9245	46557-9345	46557-9445	46557-9545

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

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: REVISED						<b>molex</b>	
	MM/IN		1:1		EC NO: 644510							
	= 0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: HCGOH 2020/05/23						SEARAY SLIM (4 ROW) RECEPTACLE ASSEMBLY 1.27/.050 PITCH	
	= 0		ANGULAR TOL ± °		CHK'D: JESSIECHUA 2020/09/17						PRODUCT CUSTOMER DRAWING	
	= 0		4 PLACES ±		APPR: SHONG 2020/09/21						DOCUMENT NUMBER	
	= 0		3 PLACES ±		INITIAL REVISION:						SD-46557-001	
	= 0		2 PLACES ± 0.25		DRWN: TGREGORI 2007/05/21						DOC TYPE	
	= 0		1 PLACE ± 0.38		APPR: JCOMERCI 2010/03/05						DOC PART	
	= 0		0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						REVISION	
= 0		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		
= 0		B-SIZE		46557		SEE TABLE SHT 3		GENERAL MARKET		SHEET NUMBER		
= 0		3 OF 3										