

## Excellent Integrated System Limited

Stocking Distributor

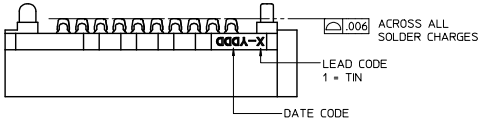
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0465574547](#)

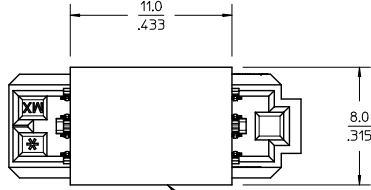
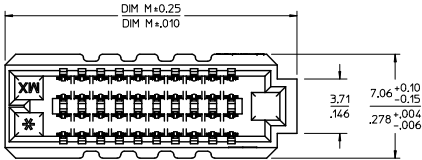
For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

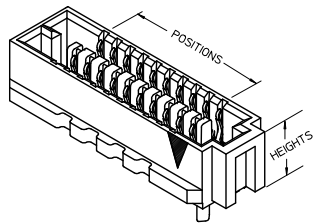
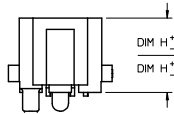
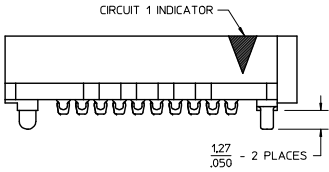
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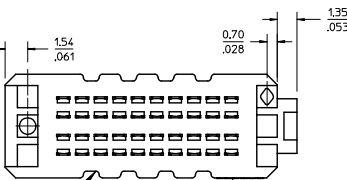
NOTE: THESE CODES MAY BE LOCATED ON EITHER SIDE OF THE HOUSING



PICK AND PLACE PAD (SHOWN IN THIS VIEW ONLY)



10 POSITION VERSION SHOWN IN THESE VIEWS



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

NOTES:

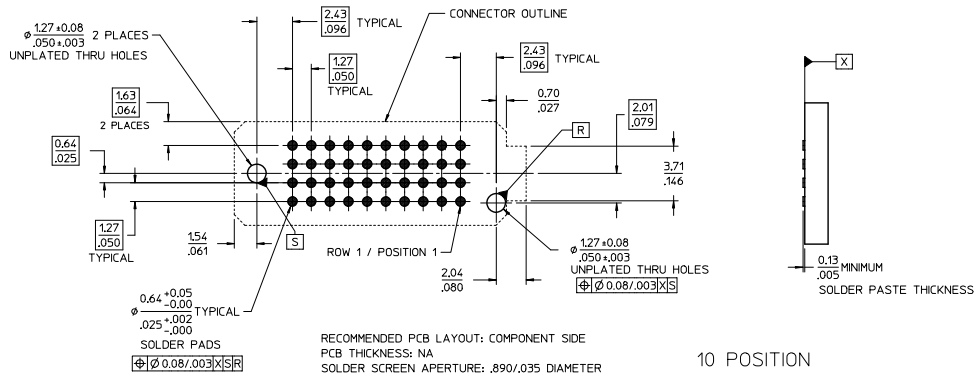
- MATERIALS: HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), UL94V-0, BLACK  
CONTACTS: COPPER ALLOY  
SOLDER CHARGE: 95.5% TIN, 3.8% SILVER, 0.7% COPPER
- FINISHES: 30 MICROINCH MINIMUM GOLD IN THE CONTACT AREA, 50 MICROINCH MINIMUM TIN IN THE TAIL AREA, OVERALL NICKEL UNDERPLATE.
- PRODUCT SPECIFICATION: 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

POSITIONS	DIM M		TOTAL NUMBER OF EDGE NOTCHES
10	19.88/1.784	0.15/0.006	8
15	26.23/1.034	0.15/0.006	14
20	32.58/1.284	0.15/0.006	18
25	38.93/1.534	0.15/0.006	24
30	45.28/1.784	0.15/0.006	28
35	51.63/2.034	0.15/0.006	34
40	57.98/2.284	0.15/0.006	38
45	64.33/2.534	0.23/0.009	44
50	70.68/2.784	0.23/0.009	48

CLARIFY OVERALL LENGTH EC NO: IJCP2015-5493 DRWNSVING01 2015/06/25 CHKD: IBARRA 2015/08/04 APPR: SMILLER 2015/08/07	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		4 PLACES ±	---	---	---	DRAWN BY TGREGOR I	DATE 2007/05/21	TITLE SEARAY SLIM (4 ROW) RECEPTACLE ASSEMBLY 1.27/.050 PITCH  DOCUMENT NO. SD-46557-001 SHEET NO. 1 OF 3	
		3 PLACES ±	---	±.010	---	CHECKED BY JCOMERC I	DATE 2007/05/21		
		2 PLACES ±	0.25	±.015	---	APPROVED BY JCOMERC I	DATE 2010/03/05		
1 PLACE ±	0.38	---	---	MATERIAL NO. SEE TABLE SHT 3					
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					

9 8 7 6 5 4 3 2 1

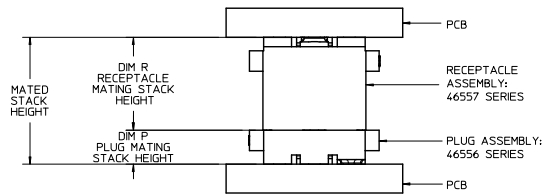
10 9 8 7 6 5 4 3 2 1



10 POSITION  
VERSION SHOWN

DIM P PLUG STACK HEIGHT	DIM R RECEPTACLE STACK HEIGHT				
	MM	5.0	6.0	6.5	7.5
2.0	7.0	8.0	8.5	9.5	10.0
3.0	8.0	9.0	9.5	10.5	11.0
3.5	8.5	9.5	10.0	11.0	11.5
2.5	7.5	8.5	9.0	10.0	10.5
4.5	9.5	10.5	11.0	12.0	12.5
5.0	10.0	11.0	11.5	12.5	13.0
7.0	12.0	13.0	13.5	14.5	15.0

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



STACK HEIGHTS  
GIVEN IN MILLIMETERS (MM) FOR REFERENCE ONLY

SEE SHEET 1 EIC NO: UCP2015-5493 DR: WANG01 2015/06/25 CHKD: IBARRA 2015/08/04 APPR: SWILLER 2015/08/07 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla=0$ $\nabla=0$ $\nabla=0$	mm	INCH	MM/IN		4:1	INCH		
		4 PLACES ± --- ± ---	3 PLACES ± --- ± .010	DRAWN BY	DATE	TITLE			
		2 PLACES ± 0.25 ± .015	1 PLACE ± 0.38 ± ---	JGREGORI	2007/05/21	SEARAY SLIM (4 ROW) RECEPTACLE ASSEMBLY 1.27/.050 PITCH			
	0 PLACE ± ±	ANGULAR ± --- °	JCOMERC I	2010/03/05					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			SEE TABLE SHT 3		SD-46557-001		2 OF 3		
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

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

SEE SHEET 1 EC NO: UCP2015-5493 DRWNSVANG01 2015/04/25 CHKD: IBARRA 2015/08/04 APPR: SWILLER 2015/08/07	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		4 PLACES ±	mm	INCH	DRAWN BY T GREGOR I	DATE 2007/05/21	TITLE SEARAY SLIM (4 ROW) RECEPTACLE ASSEMBLY 1.27/.050 PITCH	
		3 PLACES ±	±.010		CHECKED BY JCOMERC I	DATE 2007/05/21	<b>molex</b>	
		2 PLACES ±	±0.25	±.015	APPROVED BY JCOMERC I	DATE 2010/03/05		
	1 PLACE ±	±0.38	±	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-46557-001	SHEET NO. 3 OF 3	
	0 PLACE ±	±	±	ANGULAR ±---° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

9 8 7 6 5 4 3 2 1