

## Excellent Integrated System Limited

Stocking Distributor

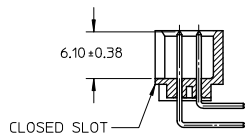
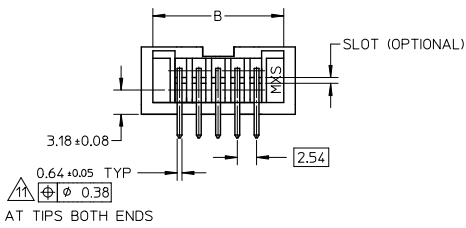
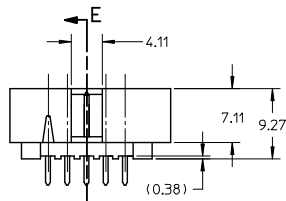
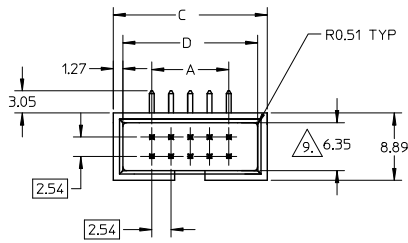
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[70247-3451](#)

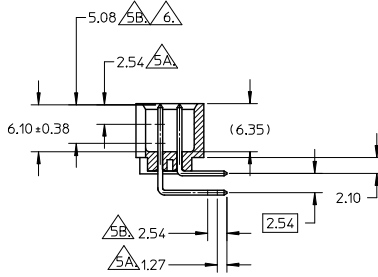
For any questions, you can email us directly:

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

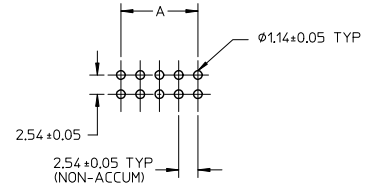
10 9 8 7 6 5 4 3 2 1



MOLEX IRELAND PRODUCTION ONLY  
(OPTION)



SECTION E-E



RECOMMENDED PCB HOLE LAYOUT

LEGEND:

70247 - \* \* \* \*  
CKT SIZE  
PLATING OPT.

UPDATE AND REDIMENSIONS: EC NO: S2013-0606 DRAWN BY: 2013/03/07 CHKD: SKANG 2013/03/13 APPR: MLONG 2013/03/13 REV: J2	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
	$\nabla = 0$ $\nabla = 0$ $\nabla = 0$	4 PLACES	mm	INCH	MM ONLY		NTS	METRIC	<input checked="" type="checkbox"/> THIRD ANGLE <input type="checkbox"/> PROJECTION	
		± ---	± ---	± ---	DRAWN BY	DATE	TITLE	C-GRID, SHROUDED HEADER		
		± 0.20	± ---	± ---	JENNIFER	1987/09/21	R/A	(SLOTTED W/O STANDOFFS)		
	± ---	± ---	± ---	MLAI	1987/09/21	MOLEX INCORPORATED				
	ANGULAR ± 3°	± ---	± ---	APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
		± ---	± ---	MLONG	2011/12/07	SEE DATA	SDA-70247-**00-04	1 OF 2		
		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

10	9	8	7	6	5	4	3	2	1
----	---	---	---	---	---	---	---	---	---

NOTES:

- PIN PUSHOUT FORCE (9072KG/2LBS MIN.
- PIN SOLDERABILITY PER MOLEX SPEC. ES-152.
- PRODUCT SPEC: PS-70246-100 APPLIES.
- WAFER TO BE FLAT WITHIN .003 MM/MM.
- DIMENSIONS FOR PLATING LOCATION:

MEASURE POINT FOR THICKNESS

MINIMUM COVERAGE

GOLD END OF PIN UNLESS OVERALL PLATED.

FINISH: - 51 : 15 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 75 MICRO INCHES MIN TIN PLATE ON SOLDER TAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.

- 52 : 30 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 75 MICRO INCHES MIN TIN PLATE ON SOLDER TAIL BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.

- 54 : 5 MICRO INCHES MIN GOLD PLATE ON CONTACT AND 75 MICRO INCHES MIN TIN PLATE ON SOLDER TAIL. BOTH OVER 50 MICRO INCHES MIN NICKEL OVERALL.

CHECK WITH SALES OFFICE FOR AVAILABILITY.

DIM AT THE CENTRE OF THE SHROUDED WALL SHALL BE 5.91MM MIN. THIS SPEC IS VALID FOR ALL CKT SIZE.

10. MATERIAL:  
HSG: PBT, GLASS FILLED, UL94V-0, COLOUR: BLACK  
PIN: 0.64MM SQ. PIN PHOSPHOR BRONZE.

SOLDER TAIL POSITION TOLERANCE TO BE GAUGED.

PART NUMBER	CKT SIZE	DIM A	DIM B	DIM C	DIM D
70247-08**	08	7.62	14.73	17.78	15.24
70247-10**	10	10.16	17.27	20.32	17.78
70247-12**	12	12.70	19.81	22.86	20.32
70247-14**	14	15.24	22.35	25.40	22.86
70247-16**	16	17.78	24.89	27.94	25.40
70247-20**	20	22.86	29.97	33.02	30.48
70247-24**	24	27.94	35.05	38.10	35.56
70247-26**	26	30.48	37.59	40.64	38.10
70247-30**	30	35.56	42.67	45.72	43.18
70247-34**	34	40.64	47.75	50.80	48.26
70247-40**	40	48.26	55.37	58.42	55.88
70247-44**	44	53.34	60.45	63.50	60.96
70247-48**	48	58.42	65.53	68.58	66.04
70247-50**	50	60.96	68.07	71.12	68.58
70247-56**	56	68.58	75.69	78.74	76.20
70247-60**	60	73.66	80.77	83.82	81.28
70247-64**	64	78.74	85.85	88.90	86.36
70247-72**	72	88.90	96.01	99.06	96.52

UPDATE AND REDIMENSIONS: EC NO: S2013-0606 DRAWN BY: JENNIFER CHKD: SKANG APPR: MLONG 2013/03/07 2013/03/13 2013/03/13	QUALITY SYMBOLS = 0 = 0 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH	DRAWN BY JENNIFER	DATE 1987/09/21	TITLE C-GRID, SHROUDED HEADER R/A (SLOTTED W/O STANDOFFS)		
		4 PLACES ± ---	± ---	CHECKED BY MLAI	DATE 1987/09/21	MOLEX INCORPORATED		
		3 PLACES ± ---	± ---	APPROVED BY MLONG	DATE 2011/12/07		DOCUMENT NO. SDA-70247-**-00-04	
2 PLACES ± 0.20	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE DATA	SHEET NO. 2 OF 2			
1 PLACE ± ---	± ---			SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
ANGULAR ± 3 °								

9	8	7	6	5	4	3	2	1
---	---	---	---	---	---	---	---	---