

## Excellent Integrated System Limited

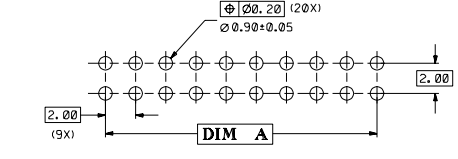
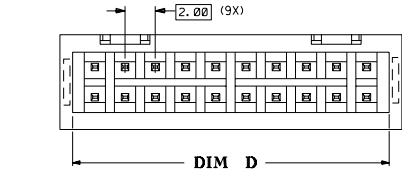
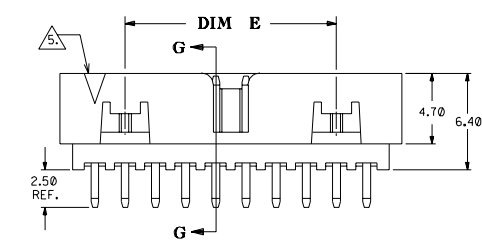
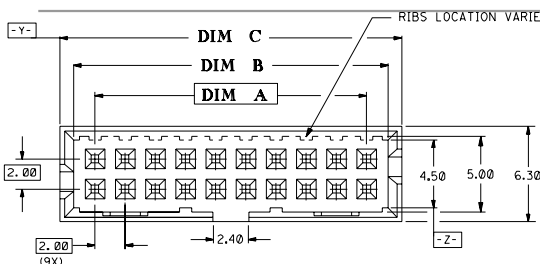
Stocking Distributor

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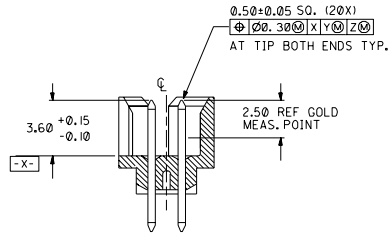
[Molex Connector Corporation](#)  
[87331-2220](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

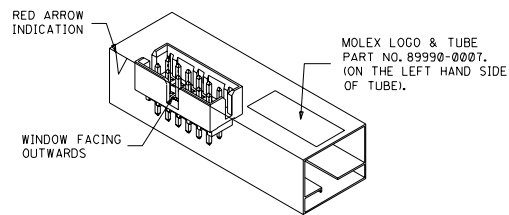
DWG. NO. SD 87331-2220  
CAD FILE 58733120.DGN



**RECOMMENDED PCB PATTERN**



**SECTION G-G**  
SCALE - 4 : 1



**FIG.1 : ORIENTATION OF PART IN TUBE.**  
(FOR THE REFERENCE OF PART/TUBE ASSEMBLY.)

PART NO.	CKT SIZE	DIM A	DIM B	DIM C	DIM D	DIM E
87331-042*	4	2.00	4.85	6.65	5.00	—
87331-062*	6	4.00	6.85	8.65	7.00	—
87331-082*	8	6.00	8.85	10.65	9.00	—
87331-102*	10	8.00	10.85	12.65	11.00	—
87331-122*	12	10.00	12.85	14.65	13.00	—
87331-142*	14	12.00	14.85	16.65	15.00	8.00
87331-162*	16	14.00	16.85	18.65	17.00	10.00
87331-182*	18	16.00	18.85	20.65	19.00	12.00
87331-202*	20	18.00	20.85	22.65	21.00	14.00
87331-222*	22	20.00	22.85	24.65	23.00	16.00
87331-242*	24	22.00	24.85	26.65	25.00	18.00
87331-262*	26	24.00	26.85	28.65	27.00	20.00
87331-282*	28	26.00	28.85	30.65	29.00	22.00
87331-302*	30	28.00	30.85	32.65	31.00	24.00
87331-322*	32	30.00	32.85	34.65	33.00	26.00
87331-342*	34	32.00	34.85	36.65	35.00	28.00
87331-362*	36	34.00	36.85	38.65	37.00	30.00
87331-382*	38	36.00	38.85	40.65	39.00	32.00
87331-402*	40	38.00	40.85	42.65	41.00	34.00
87331-422*	42	40.00	42.85	44.65	43.00	36.00
87331-442*	44	42.00	44.85	46.65	45.00	38.00
87331-462*	46	44.00	46.85	48.65	47.00	40.00
87331-482*	48	46.00	48.85	50.65	49.00	42.00
87331-502*	50	48.00	50.85	52.65	51.00	44.00

PLS REFER TO PART 87331-\*\*\*4\* FOR CENTER LOCKING SLOT OPTION.

**PART NUMBER LEGEND:**

- 87331 - \* \* \* \* \*
- CKT SIZE
- PLATING OPTION
- 20 - 0.38um/15um GOLD IN CONTACT AREA AND 1.90um/15um MIN. TIN/LEAD IN SOLDER TAIL AREA OVER 1.27um/50um MIN. NICKEL OVERALL.
  - 21 - 0.76um/30um GOLD IN CONTACT AREA AND 1.90um/15um MIN. TIN/LEAD IN SOLDER TAIL AREA OVER 1.27um/50um MIN. NICKEL OVERALL.

**NOTES:**

- FOR ILLUSTRATION PURPOSES, 20 CIRCUIT SIZE WAFER IS SHOWN
  - NO CENTRE POLARIZATION SLOT FOR CKT SIZE 4 AND 6.
  - PRODUCT SPECIFICATION PS-87331 APPLIES.
  - NO SIDE LOCKING SLOT FROM 4 TO 12 CKT SIZE.
- △ CKT 4 & 6 HAS NO IDENTIFICATION TAG

mm

MATERIAL : HOUSING : 30% G.F. NYLON 46 UL94V-0 COLOR - BLACK		MATERIAL : PIN : 0.50MM SQ. PHOSPHOR BRONZE		MATERIAL : FINISH : SEE ABOVE		MATERIAL : FINISH : SEE ABOVE	
B3 ADD NOTE 5 & SYMBOL IECN* 2000 -007B) - SEE 990803		B2 ADD FIG. 1 560450 960328		B1 REVISE PER ECN* 550078 940818		B REVISE PER ECN* 540584 940803	
A REVISE PER ECN* 530634 930427		I PRE-REL PER ECN* 530099 920612		LTR REVISION RECORD ECN DR / CHK DATE		DRAWN BY ANG GW 920612 CHK'D BY TOH SK 920914	
REVISE ONLY ON CAD SYSTEM		APPR'D BY RDY WONG 920914		SCALE 4 : 1		TITLE : 'MILLI-GRID' VERTICAL SHROUDED HEADER W/SLOT STANDOFF	

**MOLEX SINGAPORE PTE LTD**  
SHEET 1 OF 1

GENERAL TOLERANCES : ± 0.20 / .008 REV B3

DWG. NO. SD 87331-2220

DO NOT SCALE DRAWING