

Excellent Integrated System Limited

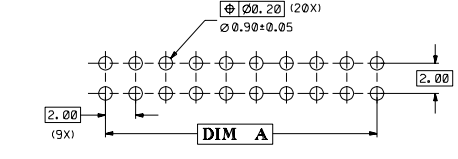
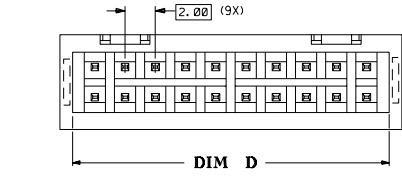
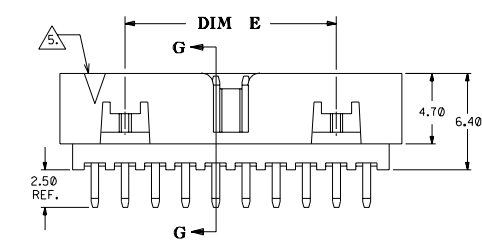
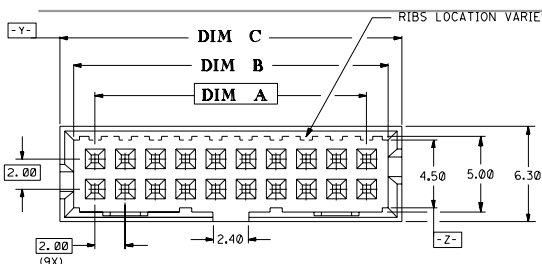
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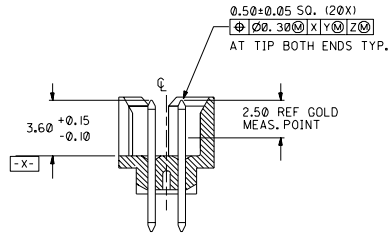
[Molex Connector Corporation](#)
[87331-1620](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

DWG. NO. SD 87331-1620
CAD FILE 58733120.DGN



RECOMMENDED PCB PATTERN



SECTION G-G
SCALE - 4 : 1

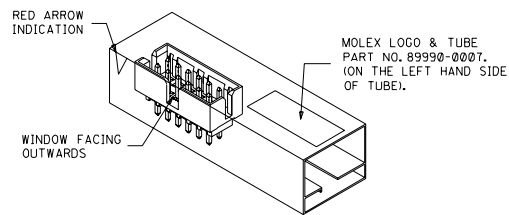


FIG.1 : ORIENTATION OF PART IN TUBE.
(FOR THE REFERENCE OF PART/TUBE ASSEMBLY.)

PLS REFER TO PART 87331-1620 FOR CENTER LOCKING SLOT OPTION.

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

PART NUMBER LEGEND:

- 87331-1620
- CKT SIZE: 16
- 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 : MOLEX SINGAPORE PTE LTD SHEET 1 OF 1	
B3	ADD NOTE 5 & SYMBOL IECN* 2000 (-007B)	SEE	990803	GENERAL TOLERANCES ± 0.20/0.008 REV B3	
B2	ADD FIG. 1	SEE	960328	DWG. NO.± SD 87331-1620	
B1	REVISE PER ECN*	550078	940818	TITLE : 'MILLI-GRID' VERTICAL SHROUDED HEADER W/SLOT STANDOFF	
B	REVISE PER ECN*	540584	940803	DRAWN BY ANG GW 920612	
A	REVISE PER ECN*	530634	930427	CHK'D BY TOH SK 920914	
I	PRE-REL PER ECN*	530099	920612	APPR'D BY RDY WONG 920914	
LTR	REVISION RECORD	ECN	DR	DATE	SCALE 4 : 1
REVISE ONLY ON CAD SYSTEM					

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