

Excellent Integrated System Limited

Stocking Distributor

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[FCI](#)
[51744-10601204A0LF](#)

For any questions, you can email us directly:

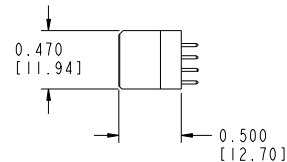
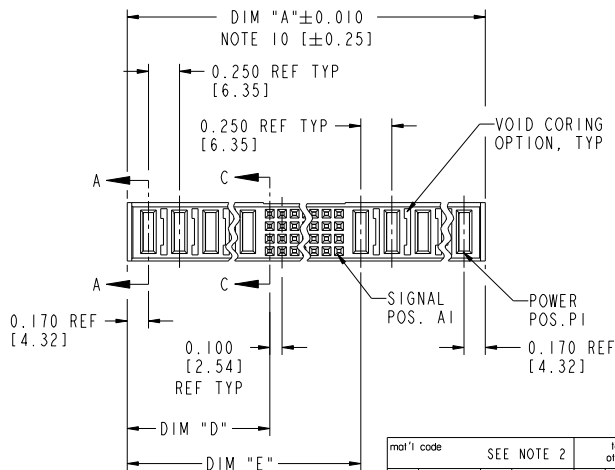
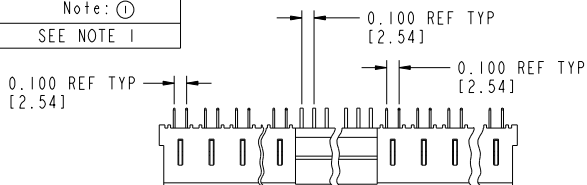
sales@integrated-circuit.com

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PRODUCT NUMBER
51744-ABBCCDDDE0..
Note: ①
SEE NOTE 1



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date			linear	xx±.01/0.xx±0.3	COPY		www.fciconnect.com	
H	DG05-0124	SJ	06/02/05				.xxx±.005/0.xx±0.13	projection			
J	DG08-0239	JC	09/11/08			angles	.xxx±.0020/.xxx±.051				
							0°±2°				
						dr	D. EATON 05-25-99	INCH/MM			
						enr	J. BROWN 05-24-99	scale			
						chr	J. BROWN 05-26-99				
						appd	J. BROWN 05-26-99				
sheet index	revision sheet	J	J	J	J						
		1	2	3							

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PRODUCT NUMBER	DIM	LENGTH FORMULAS (SEE NOTE 10)
51744-ABCCCDDE0_	DIM "A"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .090 [2.29]
Note: ①	DIM "D"	.250 [6.35] x DD + .095 [2.41]
SEE NOTE I	DIM "E"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .170 [4.32]
	DIM "F"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .120 [3.05]
	DIM "G"	.250 [6.35] x DD - .025 [0.64]
	DIM "H"	.250 [6.35] x DD + .100 [2.54] x (CCC/4)

CONNECTOR NOTES

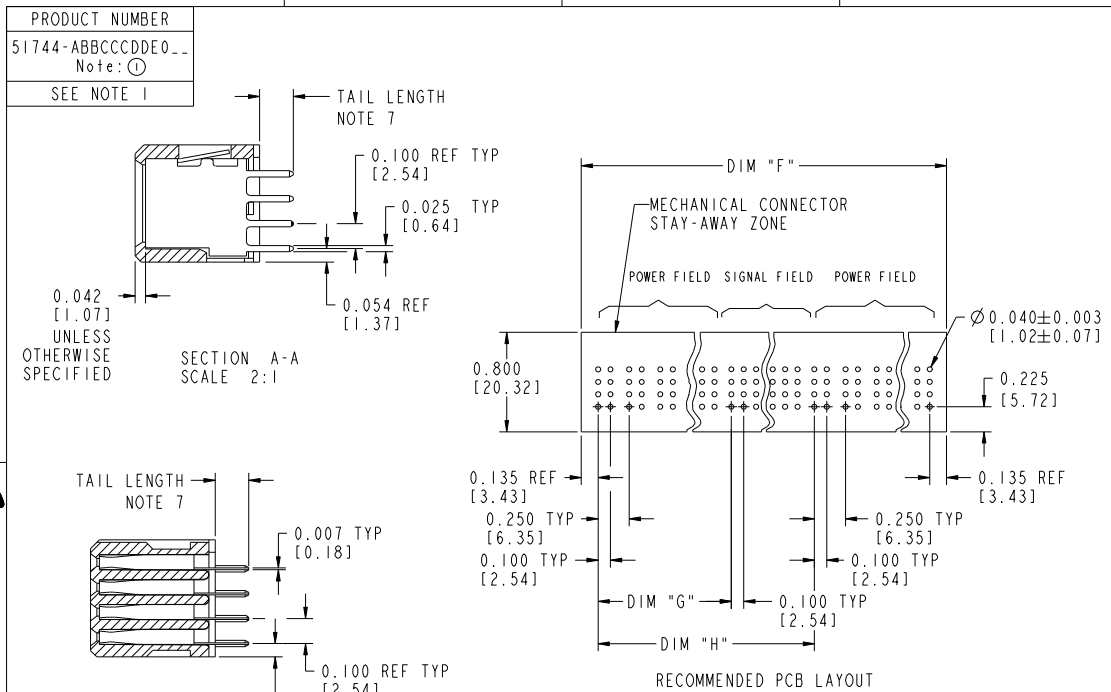
- | | |
|--|---|
| <p>1. PRODUCT NUMBER CODE:
51744 - A BB CC DD E O LF</p>  <p>NO THIS SUFFIX: 100u"/2.54um Sn/Pb ON PCB INTERFACE
ADD THIS SUFFIX: 78u"/2.00um Sn ON PCB INTERFACE
ALWAYS "0" (ZERO) (NOTE 8))
TAIL OPTIONS (NOTE 7)
NUMBER OF LEFT END POWER CONTACTS (NOTE 6)
NUMBER OF SIGNAL CONTACTS (NOTE 5)
NUMBER OF RIGHT POWER CONTACTS (NOTE 4)
PLATING (NOTE 3)
BASE NUMBER</p> | <p>8. BOARD RETENTION NOT AVAILABLE WITH GUIDELINE ENDS.</p> <p>9. MANUFACTURE'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.</p> <p>10. THE MAXIMUM OVERALL LENGTH (DIM A) OF A PART IS 8.00 [203.2].</p> <p>11. PRODUCT SPECIFICATION GS-12-149.</p> <p>12. REFERENCE 51698 FOR SPECIALS WORKSHEET.</p> |
| <p>2. HOUSING MATERIAL: GLASS FILLED V-O HIGH TEMP THERMO PLASTIC.
SIGNAL CONTACT MATERIAL: COPPER ALLOY
POWER CONTACT MATERIAL: COPPER ALLOY</p> <p>3. PLATING OPTION:
1 = SEE PRINT 10064183 FOR PLATING SPEC OF 51744-1BBCCDDE0; 51744-1BBCCDDE0LF</p> <p>4. RIGHT END POWER CONTACT, 01 TO 19 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.</p> <p>5. SIGNAL CONTACTS, 004 TO 148 AVAILABLE.</p> <p>6. LEFT END POWER CONTACTS, 01 TO 19 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.</p> <p>7. TAIL OPTIONS:
A = .135x.010 (3.43x.25) SOLDER TO BOARD
C = .135x.010 (3.43x.25) PRESS FIT</p> | <p>PCB NOTES:</p> <p>13. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.</p> <p>14. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF .004 [0.01]</p> <p>15. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.</p> <p>16. 0.0453x.011 [1.151x.021] DRILLED HOLES PLATED WITH 0.0003 [0.007] MIN Sn/Pb OVER 0.001 [1.03] TO .003 [0.08] PLATING TO ACHIEVE A .040 ±.003 [1.02 ±.08] HOLE.</p> <p>17. A/ symbol WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.</p> |

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	$XXX: 01/0 XXX: 0$ $XXX: 005/0 XXX: 0.13$ $XXX: 002/0 XXX: 0.01$	COPY				title VERTICAL RECEPTACLE W/O GUIDE PIN POWER / SIGNAL / POWER	
J				angles	90° D. EATON 05-25-99 J. BROWN 05-24-99 J. BROWN 05-26-99 J. BROWN 05-26-99	INCH/MM		product family PWRBLADE size dwg no 51744		code 213 sheet 2	
sheet index		revision sheet				scale 1:1		A			

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lfr	ecn no.	dr	date	linear	projection	linear	projection	COPY	www.fciconnect.com		
J						.xxx±.01/0.xxx±0.3					
						.xxx±.005/0.xxx±0.13					
						.xxx±.0020/.xxx±.051					
				angles		0°±2°					
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sheet index	revision sheet										