

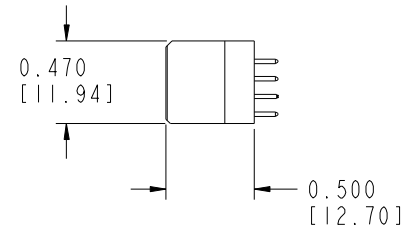
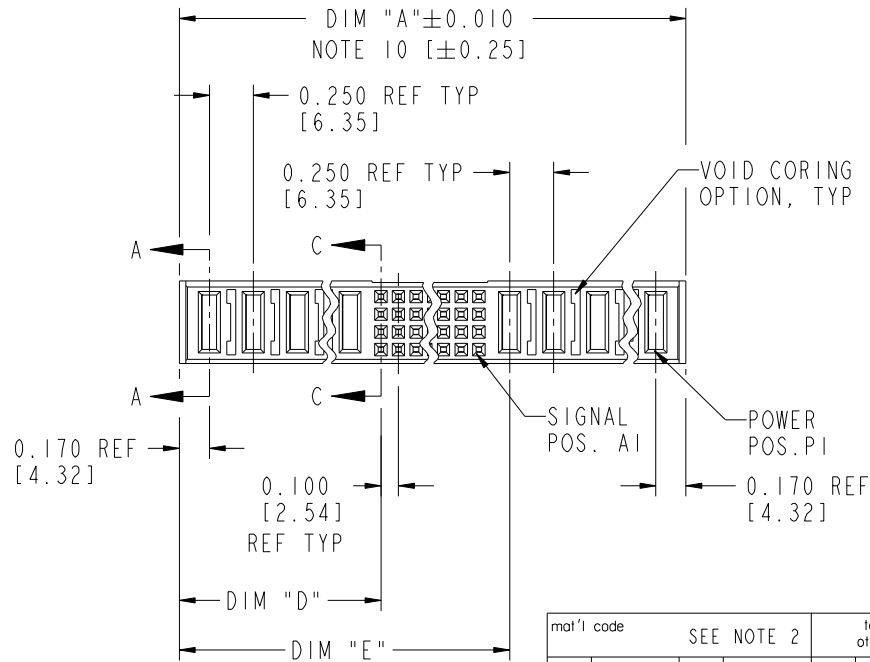
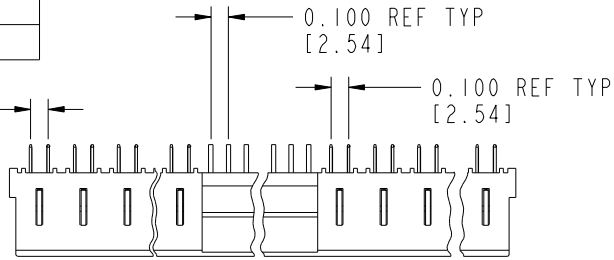
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PRODUCT NUMBER  
51744-ABBCCDDDE0\_--  
Note: ①  
SEE NOTE 1

0.100 REF TYP  
[2.54]



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com		title	
H	DG05-0124	SJ	06/02/05		.XXX±.005/0.XX±0.13	projection		VERTICAL RECEPTACLE W/O GUIDE PIN		POWER / SIGNAL / POWER	
J	DG08-0239	JC	09/11/08	angles	.XXX±.0020/.XX±.051	INCH/MM		product family		code	
				dr	0° ± 2°	scale		PWRBLADE		213	
				enr	D. EATON 05-25-99	1:1		size		sheet	
				chr	J. BROWN 05-24-99	A		dwg no		1 of 3	
				appd	J. BROWN 05-26-99			51744			
sheet index	revision sheet	J	J	J							
		1	2	3							

cage code 22526

Pro/E

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PRODUCT NUMBER
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Note: ①
SEE NOTE 1


DIM	LENGTH FORMULAS (SEE NOTE 10)
DIM "A"	.250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .090 [2.29]
DIM "D"	.250 [6.35] x DD + .095 [2.41]
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

- PRODUCT NUMBER CODE:

51744 - A BB CCC DD E 0 LF

NO THIS SUFFIX: 100u"/2.54um SnPb 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
- HOUSING MATERIAL: GLASS FILLED V-O HIGH TEMP THERMO PLASTIC.  
 SIGNAL CONTACT MATERIAL: COPPER ALLOY  
 POWER CONTACT MATERIAL: COPPER ALLOY
- PLATING OPTION:  
 1 = SEE PRINT 10064183 FOR PLATING SPEC OF 51744-IBBCCDDE0; 51744-IBBCCDDE0LF
- RIGHT END POWER CONTACT, 01 TO 19 AVAILABLE.  
 MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.
- SIGNAL CONTACTS, 004 TO 148 AVAILABLE.
- LEFT END POWER CONTACTS, 01 TO 19 AVAILABLE.  
 MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.
- TAIL OPTIONS:  
 A = .135±.010 [3.43±.25] SOLDER TO BOARD  
 C = .135±.010 [3.43±.25] PRESS FIT

- BOARD RETENTION NOT AVAILABLE WITH GUIDELESS ENDS.
  - MANUFACTURE'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.
  - THE MAXIMUM OVERALL LENGTH (DIM A) OF A PART IS 8.00 [203.2].
  - PRODUCT SPECIFICATION GS-12-149.
  - REFERENCE 51698 FOR SPECIALS WORKSHEET.
- PCB NOTES:
- ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
  - ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF .004 [0.01]
  - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
  - 0.0453±.001 [1.151±.02] DRILLED HOLES PLATED WITH 0.0003 [0.007] MIN SnPb OVER 0.001 [1.03] TO .003 [0.08] PLATING TO ACHIEVE A .040 ±.003 [1.02 ±.08] HOLE.
  - A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com	
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection		title	
J				angles	.XXX±.005/0.XX±0.13	INCH/MM				VERTICAL RECEPTACLE W/O GUIDE PIN POWER / SIGNAL / POWER	
				dr	.XXX±.0020/.XXX±.051	scale		product family		code	
				enr	0°±2°	1:1		PWRBLADE		213	
				chr	D. EATON 05-25-99	A		size		sheet	
				appd	J. BROWN 05-24-99			dwg no		2	
					J. BROWN 05-26-99			51744			
sheet index	revision sheet										

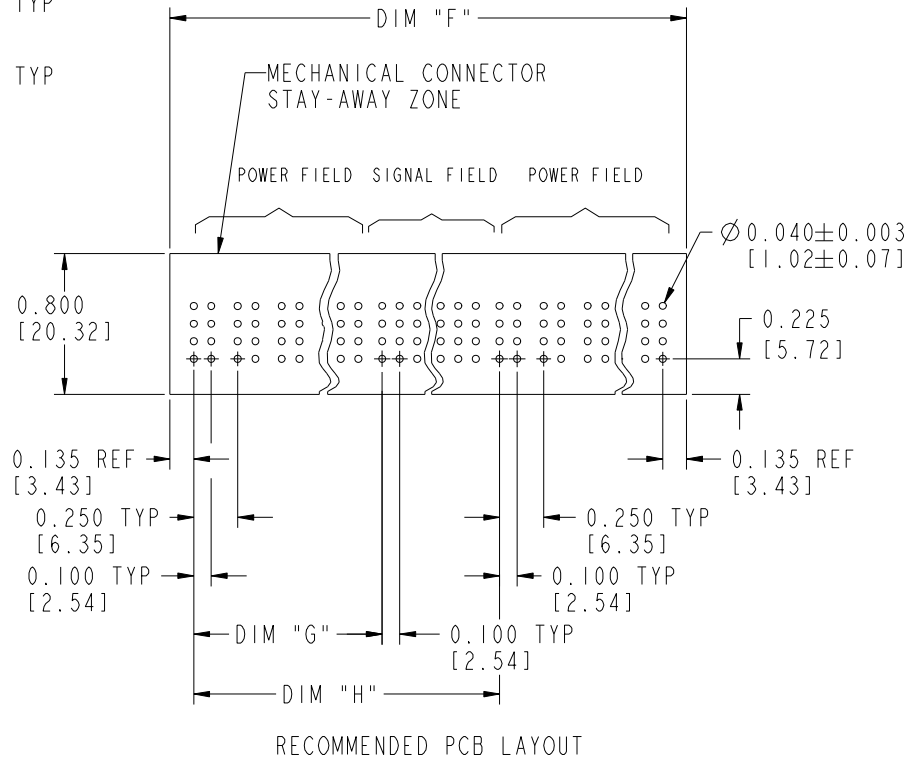
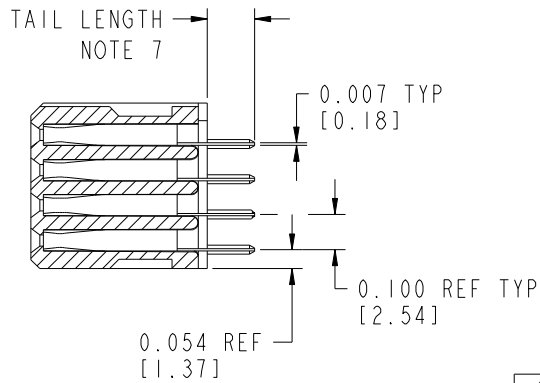
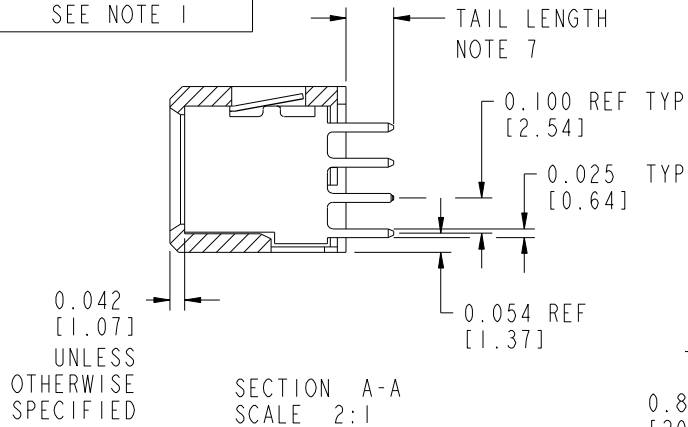
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Note: ①
SEE NOTE 1



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ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title	
J					.XXX±.005/0.XX±0.13	projection		VERTICAL RECEPTACLE W/O GUIDE PIN POWER / SIGNAL / POWER	
				angles	.XXX±.0020/.XX±.051	 INCH/MM		product family	
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				chr	J. BROWN 05-24-99	A		213	
				appd	J. BROWN 05-26-99	size		sheet	
sheet index		revision sheet				51744		3	
						cage code		22526	

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