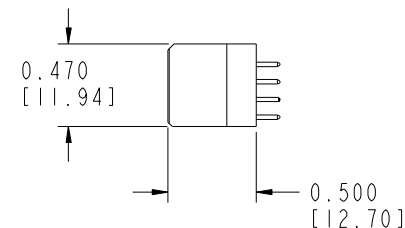
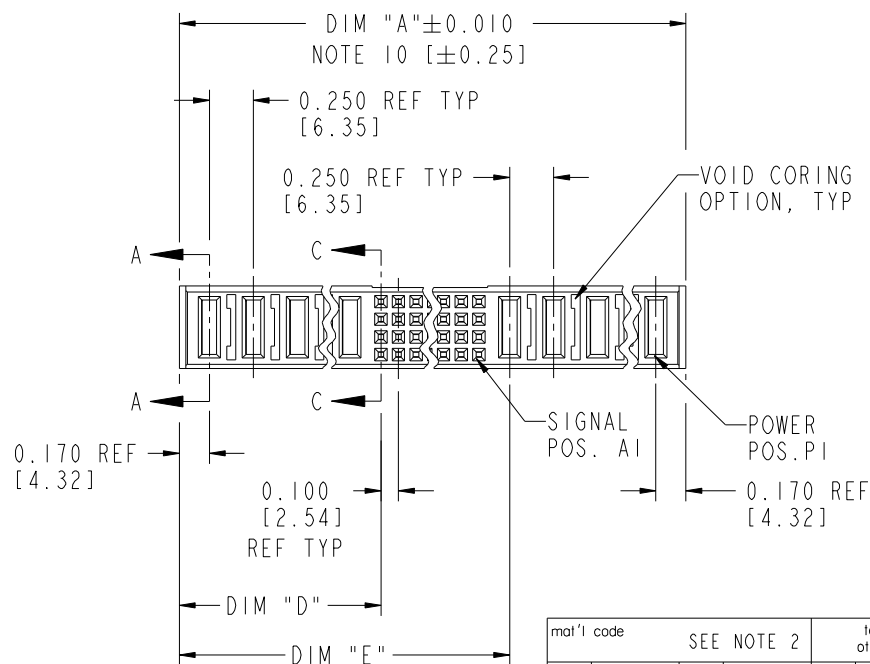
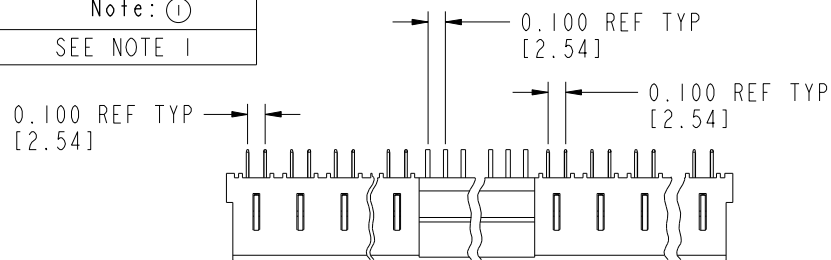


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PRODUCT NUMBER
51744-ABBCCDDDE0--
Note: ①
SEE NOTE 1



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

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cage code 22526

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PRODUCT NUMBER
51744-ABBCCCDDE0_
Note: ①
SEE NOTE 1

1 | 2

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)

3 |

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-IBBCCCDDE0; 51744-IBBCCCDDE0LF
- 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		FCI		www.fciconnect.com		
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY			title VERTICAL RECEPTACLE W/O GUIDE PIN POWER / SIGNAL / POWER				
J					.XXX±.005/0.XX±0.13		projection							
					.XXX±.0020/.XX±.051									
				angles	0°±2°									
				dr	D. EATON	05-25-99	INCH/MM		product family		PWRBLADE		code	
				enrg	J. BROWN	05-24-99			size		dwg no		213	
				chr	J. BROWN	05-26-99	scale		A		51744		sheet	
				appd	J. BROWN	05-26-99	1:1						2	
sheet index		revision sheet												

1 | 2

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3 |

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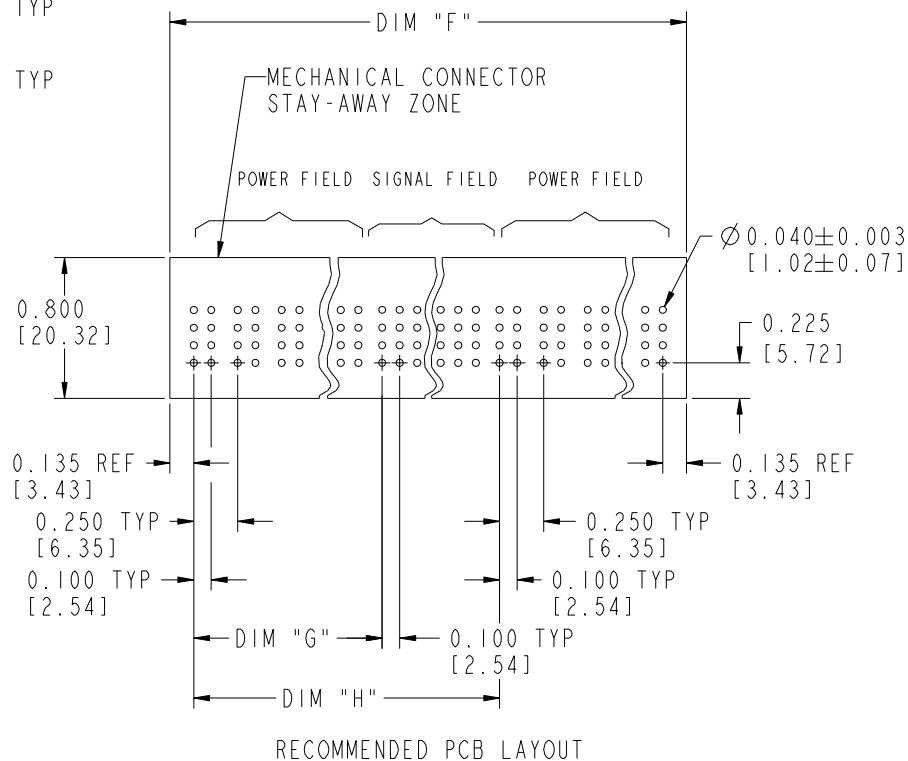
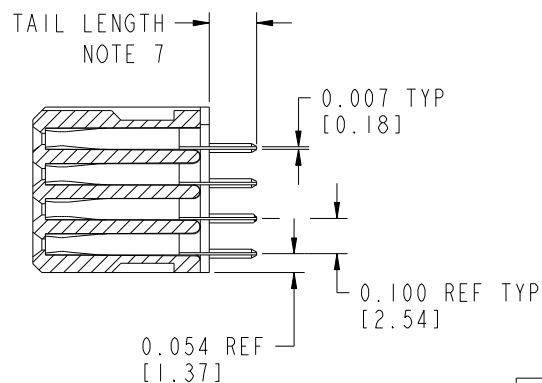
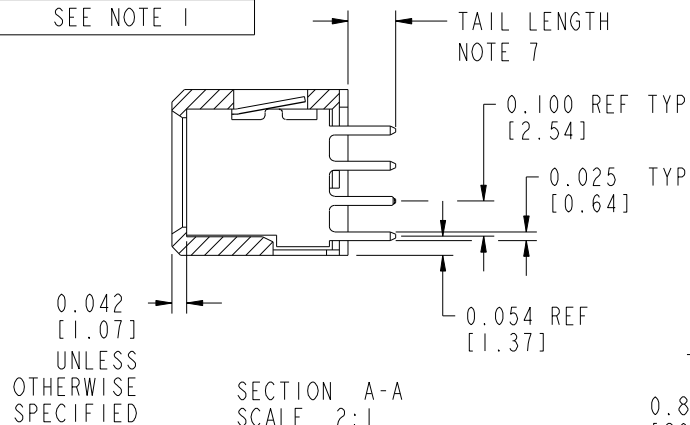
4

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PRODUCT NUMBER
51744-ABBCCCDDE0--
Note: ①
SEE NOTE 1



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date			linear	.XX±.01/0.X±0.3	COPY		projection		title	
J							.XXX±.005/0.XX±0.13					VERTICAL RECEPTACLE W/O GUIDE PIN	
						angles	.XXX±.0020/.XX±.051					POWER / SIGNAL / POWER	
						dr	0°±2°					product family	
						enr	D. EATON 05-25-99					PWRBLADE	
						chr	J. BROWN 05-24-99					code	
						appd	J. BROWN 05-26-99					213	
							J. BROWN 05-26-99					sheet	
												3	
sheet index	revision sheet												

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