

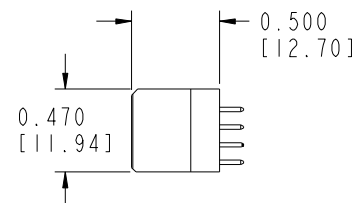
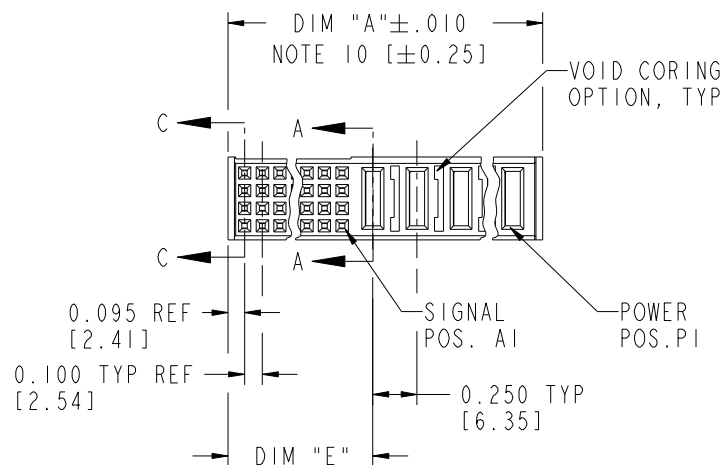
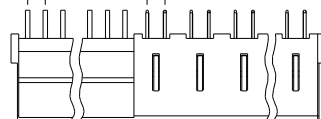
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PRODUCT NUMBER
51746-ABBCCC00E0--
Note: ①
SEE NOTE 1

0.100 REF TYP [2.54] 0.100 REF TYP [2.54]



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date			linear	.XX $\pm$.01/0.X $\pm$ 0.3	COPY		projection		title	
H	DG05-0124	SJ	06/02/05				.XXX $\pm$.005/0.XX $\pm$ 0.13					VERTICAL RECEPTACLE W/O GUIDE PIN	
J	DG08-0239	JC	09/11/08			angles	.XXX $\pm$.0020/.XX $\pm$.051					POWER / SIGNAL	
						dr	0° $\pm$ 2°					product family	PWRBLADE
						enr	D. EATON 05-25-99					code	213
						chr	J. BROWN 05-24-99					size	dwg no
						appd	J. BROWN 05-26-99					scale	51746
							J. BROWN 05-26-99					sheet	1 of 3
sheet index	revision	J	J	J									
	sheet	1	2	3									

Pro/E

cage code 22526

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PRODUCT NUMBER	DIM	LENGTH FORMULAS (SEE NOTE 10)
51746-ABBCCC00E0_	DIM "A"	.100 [2.54] x (CCC/4) + .250 [6.35] x BB + .090 [2.29] (NOTE 10)
Note: ①	DIM "E"	.100 [2.54] x (CCC/4) + .170 [4.32]
SEE NOTE 1	DIM "F"	.100 [2.54] x (CCC/4) + .250 [6.35] x BB + .120 [3.05]
	DIM "H"	.100 [2.54] x (CCC/4) + .025 [.64]

CONNECTOR NOTES

- PRODUCT NUMBER CODE:
51746 - A BB CCC 00 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)
ALWAYS '00' (ZERO, ZERO) (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:
I = SEE PRINT I0064I83 FOR PLATING SPEC OF 51746-1BBCCC00E0; 51746-1BBCCC00E0LF
- RIGHT END POWER CONTACT, 01 TO 20 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.
- SIGNAL CONTACTS, 004 TO 148 AVAILABLE.
- THIS PART NOT AVAILABLE WITH LEFTSIDE POWER CONTACTS.
- TAIL OPTIONS:
A = .135±.010 [.343±.25] SOLDER TO BOARD
C = .135±.010 [.343±.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 [.1151±.02] DRILLED HOLES PLATED WITH 0.0003 [0.007] MIN SnPb OR Sn OVER 0.001 [.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	
litr	ecn no.	dr	date			.XX±.01/.0.X±0.3		COPY					
J						.XXX±.005/.0.XX±0.13		projection					
						.XXX±.0020/.XX±.051							
						0°±2°							
						dr	D. EATON	05-25-99					
						enrg	J. BROWN	05-24-99					
						chr	J. BROWN	05-26-99					
						appd	J. BROWN	05-26-99					
sheet index	revision sheet												

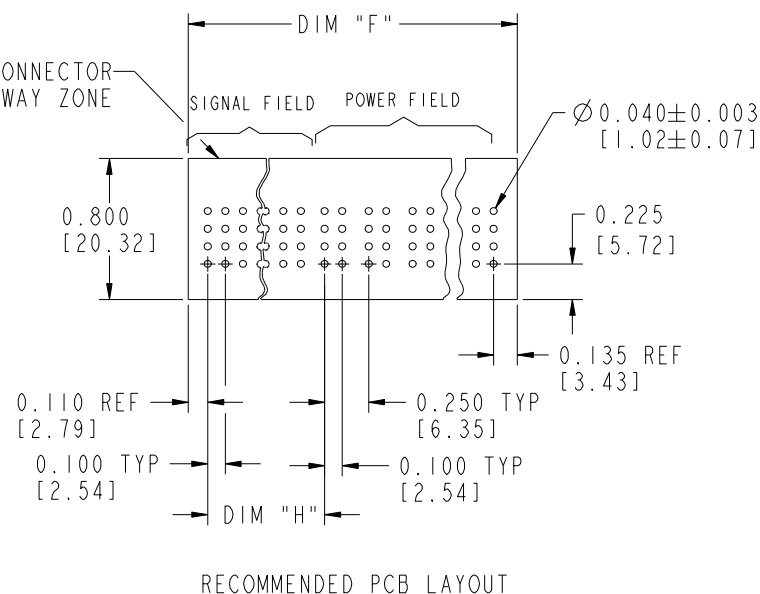
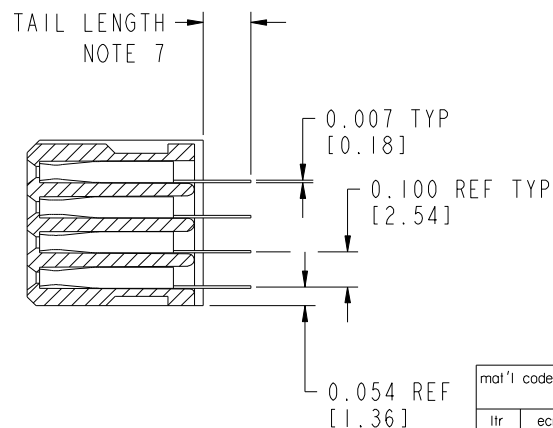
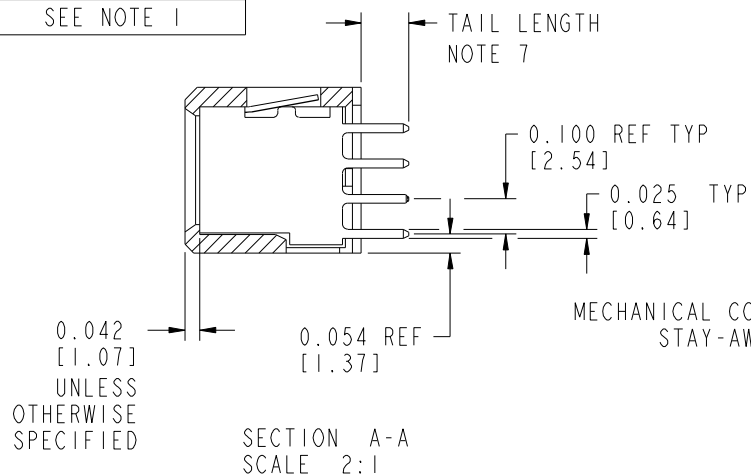
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Note: ①
SEE NOTE 1



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litr	ecn no.	dr	date	linear		.XX±.01/0.X±0.3		COPY		projection	title	product family	code
J						.XXX±.005/0.XX±0.13							
						.XXX±.0020/.XX±.051							
				angles		0°±2°		INCH/MM	scale	A	size	dwg no	sheet
				dr	D. EATON	05-25-99							
				enr	J. BROWN	05-24-99							
				chr	J. BROWN	05-26-99							
				appd	J. BROWN	05-26-99							
sheet index	revision sheet												

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Mouser Electronics

Authorized Distributor

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[5174610400800A0L](#)