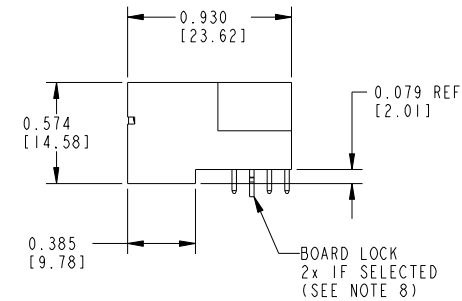
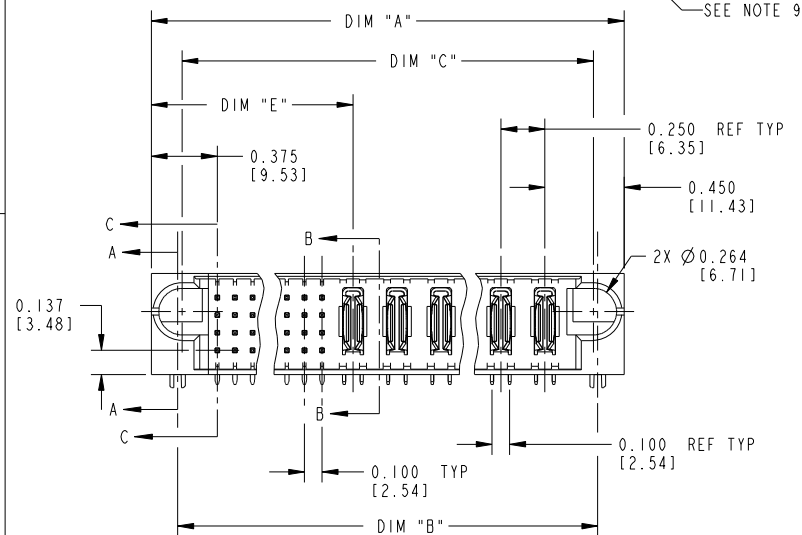
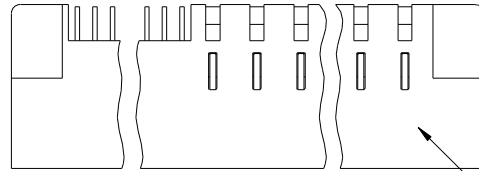


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PRODUCT NUMBER
51721- A00CCDDEF..
NOTE ①
SEE NOTE 1



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER COPY		FCI www.fciconnect.com	
litr	ecr no.	dr	date	linear	.XX±.01/.X±.3	projection		title RIGHT ANGLE HEADER w/GUIDE PIN SIGNAL / POWER	
H	DG05-0132	SJ	06/02/05		.XXX±.005/.XX±.13				
J	DG05-0479	CS	11/18/05		.XXXX±.0020/.XXX±.051				
K	DG06-0011	CS	01/13/06	angles	0°±2°			product family PWRBLADE	
L	DG06-0252	JMG	06/27/06	dr	D.BOGLE 05-13-99	INCH / MM		size	code 213
M	DG06-0367	JULIA	09/07/06	enrg	J. BROWN 05-13-99	scale		dwg no	
N	DG08-0239	JC	09/11/08	chr	J. BROWN 05-13-99	1:1		51721	SHEET 1 OF 3
				appd	J. BROWN 05-13-99				
sheet index		revision sheet	N	N	N				
			1	2	3				

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cage code
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PRODUCT NUMBER	DIM	LENGTH FORMULAS (SEE NOTE 10)
51721- A00CCCDDEF-- NOTE ①	DIM "A"	.100 [2.54] x (CCC/4) + .250 [6.35] x DD + .650 [16.51](NOTE 10)
SEE NOTE 1	DIM "B"	.100 [2.54] x (CCC/4) + .250 [6.35] x DD + .350 [8.89]
	DIM "C"	.100 [2.54] x (CCC/4) + .250 [6.35] x DD + .300 [7.62]
	DIM "E"	.100 [2.54] x (CCC/4) + .450 [11.43]
	DIM "F"	.100 [2.54] x (CCC/4) + .250 [6.35] x DD + .680 [17.27]
	DIM "H"	.100 [2.54] x (CCC/4) + .250 [6.35]

CONNECTOR NOTES

- ① PRODUCT NUMBER CODE:
51721 - A 00 CCC DD E F LF
- NO THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE
ADD THIS SUFFIX: 78u"/2.00um Sn ON PCB INTERFACE ⚠
RETENTION TO PCB (NOTE 8)
TAIL OPTIONS (NOTE 7)
NUMBER OF RIGHT END POWER CONTACTS (NOTE 6)
NUMBER OF SIGNAL CONTACTS (NOTE 5)
ALWAYS ZERO (NOTE 4)
PLATING (NOTE 3)
BASE NUMBER
- ② HOUSING MATERIAL: GLASS FILLED V-O HIGH TEMP THERMO PLASTIC.
SIGNAL CONTACT MATERIAL: COPPER ALLOY
POWER CONTACT MATERIAL: COPPER ALLOY
- ③ PLATING OPTION:
A = SEE PRINT 10064183 FOR PLATING SPEC OF 51721-100CCCDDEF; 51721-100CCCDDEFLF
- ④ THIS PART NOT AVAILABLE WITH LEFT SIDE POWER CONTACTS.
- ⑤ SIGNAL CONTACTS, 004 TO 148 AVAILABLE.
- ⑥ RIGHT END POWER CONTACTS, 01 TO 20 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.
- ⑦ TAIL OPTIONS:
A = .135 [3.43] SOLDER TO BOARD

- ⑧ RETENTION TO PCB OPTIONS:
A = BOARD LOCK (REQUIRES .098 + .002, -.001
[2.49 +0.05, -0.03] THRU HOLE IN PCB).
MOUNTING FOOT THICKNESS: .220[5.59]
B = .150 [3.81] THRU HOLE (REQUIRES .158±.003
[4.01±08] THRU HOLE IN PCB).
MOUNTING FOOT THICKNESS: .160[4.06]
- ⑨ MANUFACTURE'S NAME, P/N, AND DATE CODE
TO APPEAR ON THIS SURFACE.
- ⑩ THE MAXIMUM OVERALL LENGTH (DIM A) OF A PART
IS 8.00 [203.2]
11. PRODUCT SPECIFICATION GS-12-149
12. REFERENCE 51730 FOR SELECT LOAD/FMLB WORKSHEET

PCB NOTES:

13. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
14. ALL THROUGH HOLES ARE LOCATED WITH A
TRUE POSITION OF .004[0.10]
15. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
16. $\varnothing 0.0453 \pm .001$ [1.151 ±0.02] DRILLED HOLES PLATED WITH
0.0003 [0.007] MIN SnPb OR Sn OVER 0.001 [1.03] TO
.003 [0.08] PLATING TO ACHIEVE A .040±.003 [1.02±08] HOLE.
17. A ⚠ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE
WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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mat'l code				tolerances unless otherwise specified		CUSTOMER COPY	 www.fciconnect.com
litr	ecn no.	dr	date	linear	.XX±.01/.X±.3		
N					.XXX±.005/.XX±.13		
					.XXXX±.0020/.XXX±.051		
				angles	0°±2°	INCH / MM  scale 1:1	product family PWRBLADE size dwg no 51721 code 213 SHEET 2 OF 3
		dr		C.BAROT	05-04-99		
		enrg		J. BROWN	05-04-99		
		chr		J. BROWN	05-04-99		
		appd		J. BROWN	05-04-99		
sheet index		revision sheet					

form no. 7530-001-103

1 2

3

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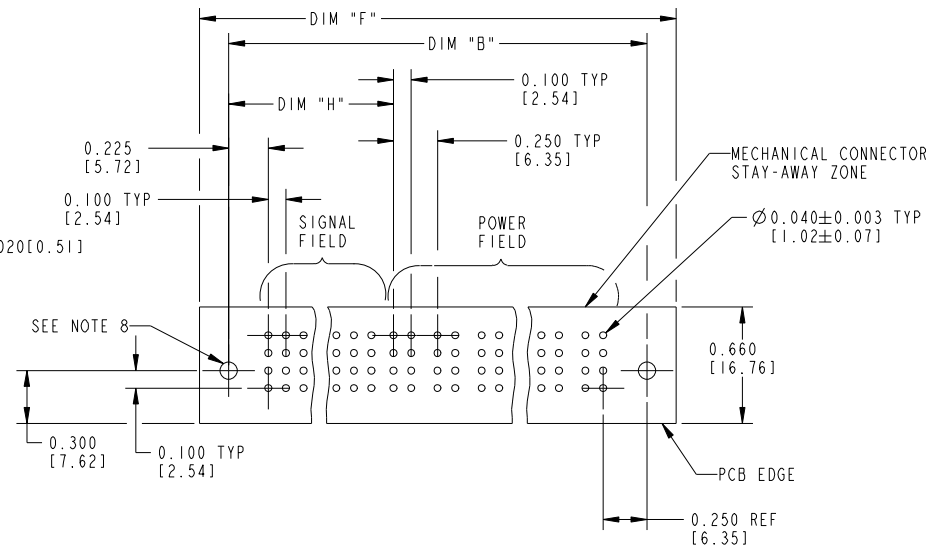
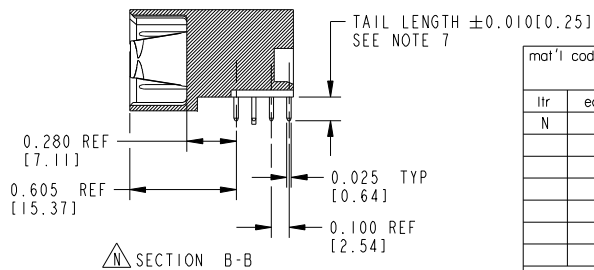
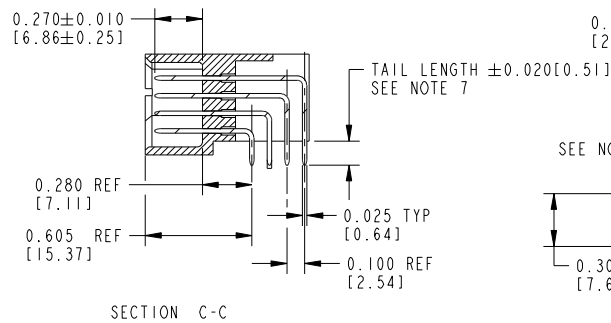
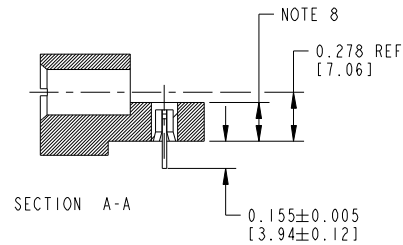
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PRODUCT NUMBER
51721- A00CCDDEF__
NOTE ①



mat'l code				tolerances unless otherwise specified		CUSTOMER COPY		FCI		www.fciconnect.com	
litr	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection		title		RIGHT ANGLE HEADER w/GUIDE PIN	
N					.XXX±.005/.XX±.13			signal / power			
				angles	.XXX±.0020/.XXX±.051			product family		PWRBLADE	
				dr	0°±2°			size		213	
				enr	J. BROWN 05-13-99	INCH / MM		dwg no		51721	
				chr	J. BROWN 05-13-99	scale	1:1			SHEET 3 OF 3	
				appd	J. BROWN 05-13-99						
sheet index	revision sheet										

form no. 7530-001-103

cage code 22526