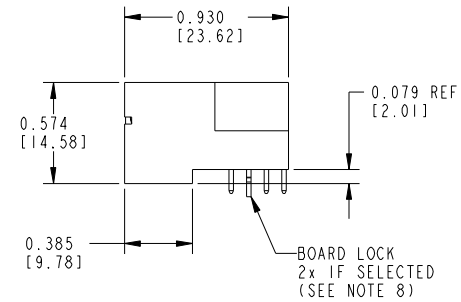
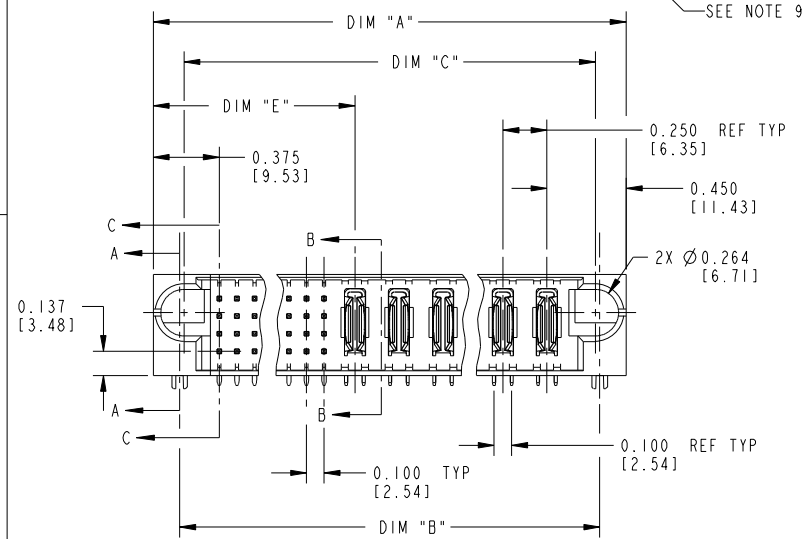
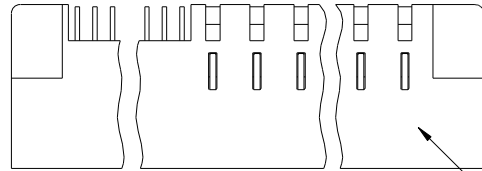


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PRODUCT NUMBER
51721- A00CCDDEF... NOTE ①
SEE NOTE 1



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER COPY	www.fciconnect.com title RIGHT ANGLE HEADER w/GUIDE PIN SIGNAL / POWER
ltr	ecn no.	dr	date	linear	.XXX±.01/.X±.3		
H	DG05-0132	SJ	06/02/05		.XXX±.005/.XX±.13		product family PWRBLADE code 213
J	DG05-0479	CS	11/18/05		.XXX±.0020/.XXX±.051		
K	DG06-0011	CS	01/13/06	angles	0°±2°	INCH / MM	size dwg no 51721 SHEET 1 OF 3
L	DG06-0252	JMG	06/27/06	dr	D.BOGLE 05-13-99	scale 1:1	
M	DG06-0367	JULIA	09/07/06	enr	J. BROWN 05-13-99		
N	DG08-0239	JC	09/11/08	chr	J. BROWN 05-13-99		
				appd	J. BROWN 05-13-99		
sheet index	revision sheet	N 1	N 2	N 3			cage code 22526

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

DIM	LENGTH FORMULAS (SEE NOTE 10)
DIM "A"	.100 [2.54] x (CCC/4) + .250 [6.35] x DD + .650 [16.51] (NOTE 10)
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:
 1 = SEE PRINT 10064183 FOR PLATING SPEC OF 51721-100CCDDEF; 51721-100CCDDEFLF
- 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		FCI www.fciconnect.com	
ltr	ecr no.	dr	date	linear	.XX±.01/.X±.3	projection	title
N					.XXX±.005/.XX±.13		RIGHT ANGLE HEADER w/GUIDE PIN SIGNAL / POWER
				angles	.XXX±.0020/.XXX±.051	$0^\circ \pm 2^\circ$	product family
				dr	C.BAROT 05-04-99	INCH / MM	PWRBLADE
				enrg	J. BROWN 05-04-99	scale	code
				chr	J. BROWN 05-04-99	1:1	213
				appd	J. BROWN 05-04-99	size	2 OF 3
sheet index	revision sheet					dwg no	
						51721	

form no. 7530-001-103

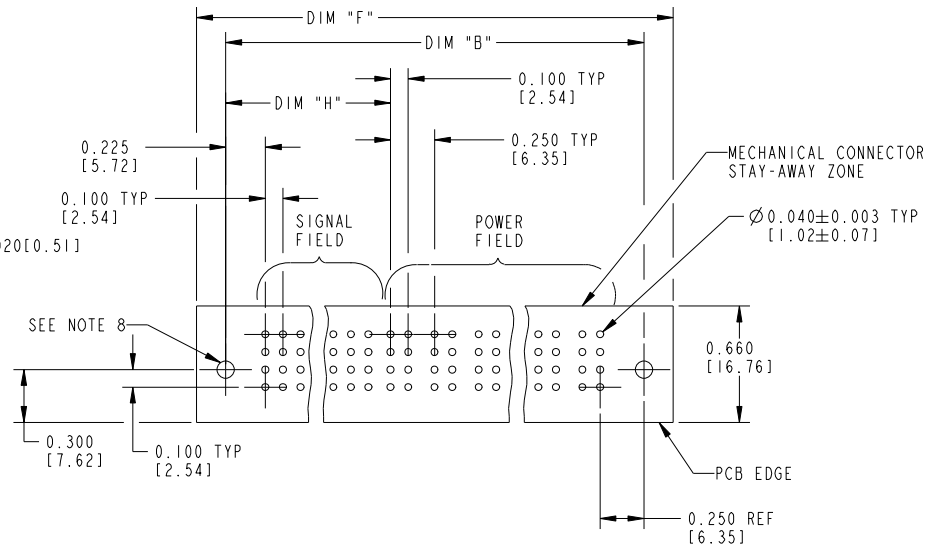
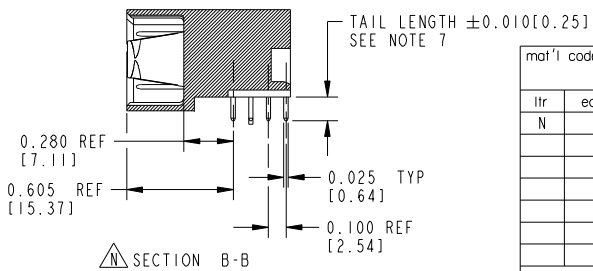
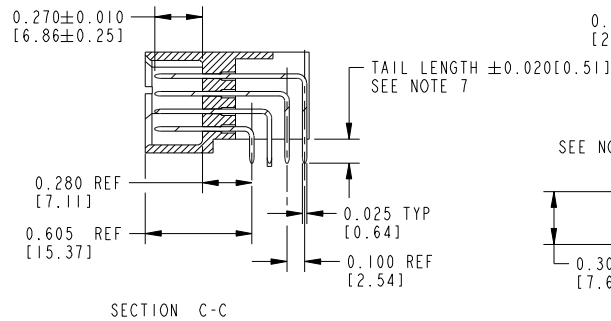
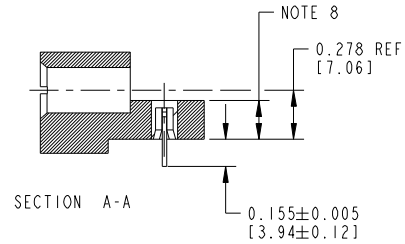
cage code 22526

PRODUCT NUMBER
51721- A00CCDDEF _ _
NOTE ①

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

form no. 7530-001-103

cage code 22526