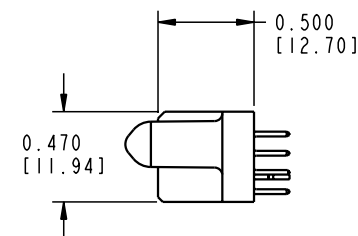
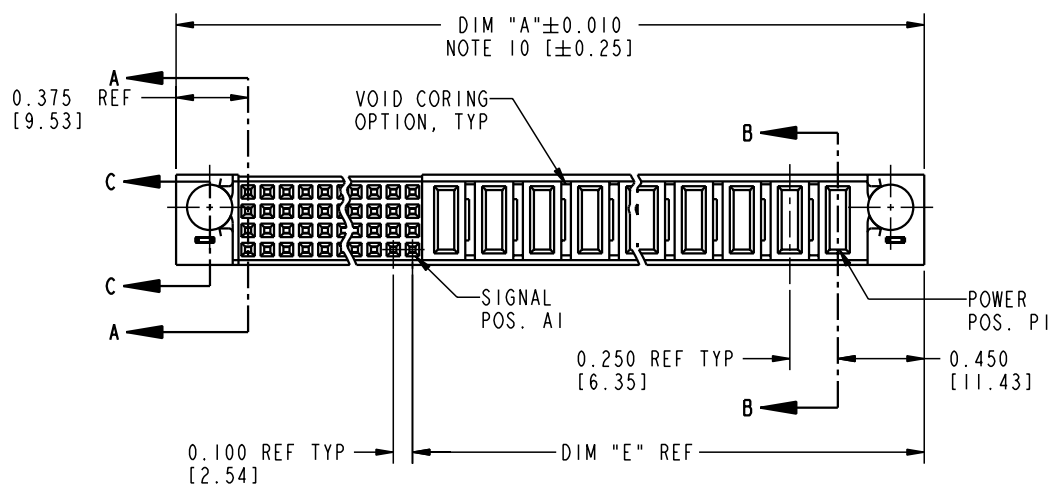
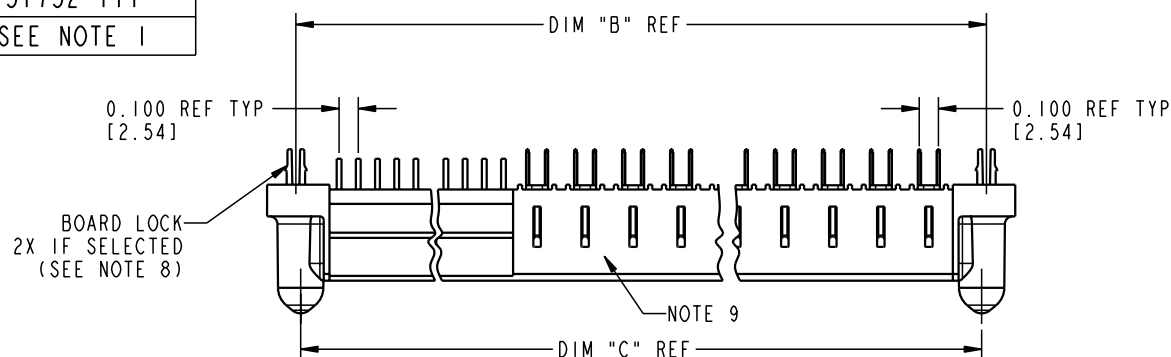


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PRODUCT NUMBER
51752-YYY
SEE NOTE 1



mat'l code				NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI ELECTRONICS	
ltr	ecn no.	dr	date			.XX $\pm$.01/.0.X $\pm$ 0.3		COPY		www.fciconnect.com	
A	V02388	JWS	10-05-00	linear		.XXX $\pm$.005/.0.XX $\pm$ 0.13		projection		title VERTICAL RECEPTACLE W / GUIDE PIN POWER / SIGNAL SPECIALS	
B	V02953	CGD	12-19-00	angles		.XXXX $\pm$.0020/.XXX $\pm$.051					
						0° $\pm$ 2°		INCH/MM		product family	PwrBlade
				dr	E. KORFF	05-02-00		scale		size	dwg no
				enr	J. BROWN	05-02-00		1:1		A	51752
				chr	J. BROWN	05-02-00				code	213
				appd	J. BROWN	05-02-00				sheet	1 of 4
sheet index	revision sheet	B	B	B	B					cage code	22526
		1	2	3	4						

Pro/E

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cage code 22526

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PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

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PRODUCT NUMBER	DIM	LENGTH FORMULAS (SEE NOTE 10)
51752-YYY	DIM "A"	.100 [2.54] x (CCC/4) + .250 [6.35] x BB + .650 [16.51] (NOTE 10)
SEE NOTE 1	DIM "B"	.100 [2.54] x (CCC/4) + .250 [6.35] x BB + .350 [8.89]
	DIM "C"	.100 [2.54] x (CCC/4) + .250 [6.35] x BB + .300 [7.62]
	DIM "E"	.250 [6.35] x BB + .375 [9.53]
	DIM "F"	.100 [2.54] x (CCC/4) + .250 [6.35] x BB + .680 [17.27]
	DIM "H"	.250 [6.35] x BB + .225 [5.72]

CONNECTOR NOTES

- PRODUCT NUMBER CODE:
51752 - YYY
SEQUENCE NUMBER (SEE SHEET 4)
BASE NUMBER
- HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC.
SIGNAL CONTACT MATERIAL: COPPER ALLOY
POWER CONTACT MATERIAL: COPPER ALLOY
- PLATING:
SIGNAL CONTACTS: 30u"/0.76u OVER 50u"/1.27u Ni
WITH SnPb ON PCB INTERFACE
POWER CONTACTS: 50u"/1.27u Ni UNDER ALL;
WITH 30u"/0.76u" Au ON CONTACT AREA
AND SnPb ON PCB INTERFACE
- 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 LEFT SIDE POWER CONTACTS.
- TAIL LENGTH:
0.135 ±0.010[3.43±0.25] SOLDER TO BOARD
OR
0.135 ±0.010[3.43±0.25] PRESS FIT

- RETENTION TO PCB OPTIONS:
BOARD LOCK (REQUIRES Ø0.098 +0.002/-0.001
[2.49 +0.05/-0.03] THRU HOLE IN PCB)
(NOT AVAILABLE WITH PRESS FIT).
OR
NO RETENTION FEATURE (ALL PRESS FIT).
- MANUFACTURER'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 SELECT LOAD/FMLB WORKSHEET.
SEE PRODUCT SPECIFIC DRAWING 51752-YYY FOR SELECT LOAD/FMLB
PRODUCT INFORMATION.

PCB NOTES:

- ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
- ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
- Ø0.098 [2.49] THROUGH HOLES ARE UNPLATED
- Ø0.0453±0.0010 [1.151±0.025] DRILLED HOLES PLATED WITH
0.0003 [0.008] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] Cu
PLATING TO ACHIEVE A Ø0.040±0.003 [1.02±0.07] HOLE.

mat'l code				NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI ELECTRONICS	
lfr	ecn no.	dr	date			.XX±.01/0.X±0.3		COPY		www.fciconnect.com	
B				linear		.XXX±.005/0.XX±0.13		projection		title	
				angles		.XXX±.0020/.XXX±.051				VERTICAL RECEPTACLE W / GUIDE PIN POWER / SIGNAL SPEC IALS	
				dr	E. KORFF	05-02-00				product family	PwrBlade
				enrg	J. BROWN	05-02-00				size	213
				chr	J. BROWN	05-02-00				dwg no	sheet
				appd	J. BROWN	05-02-00				51752	2
sheet index	revision	sheet						scale	1:2		

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Pro/E

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cage code 22526

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PRODUCT NUMBER
51752-YYY
SEE NOTE 1

CODE	DIM "M"		DIM "T"		TAIL TYPE	CONTACT TYPE
E	N/A		0.135	[3.43]	SOLDER	SIGNAL
F	N/A		0.135	[3.43]	PRESS-FIT	SIGNAL
PA	0.042	[1.07]	0.135	[3.43]	SOLDER	POWER
PB	0.042	[1.07]	0.165	[4.19]	SOLDER	POWER
PC	0.042	[1.07]	0.135	[3.43]	PRESS-FIT	POWER
PD	0.092	[2.34]	0.135	[3.43]	SOLDER	POWER
PE	0.092	[2.34]	0.165	[4.19]	SOLDER	POWER
PF	0.092	[2.34]	0.135	[3.43]	PRESS-FIT	POWER
HA	N/A		N/A		N/A	HOLD-DOWN
X	OMITTED		OMITTED		OMITTED	OMITTED

mat'l code				NOTE 2		tolerances unless otherwise specified		CUSTOMER		ELECTRONICS www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		title VERTICAL RECEPTACLE W / GUIDE PIN POWER / SIGNAL SPECIALS		
B					.XXX±.005/0.XX±0.13		projection				
					.XXX±.0005/0.XXX±.051						
				angles	0°±2°				product family PwrBlade code 213 size A 51752 sheet 4		
				dr	E. KORFF	05-02-00	INCH/MM				
				enrg	J. BROWN	05-02-00	scale				
				chr	J. BROWN	05-02-00	1:2				
				appd	J. BROWN	05-02-00					
sheet index		revision sheet									

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