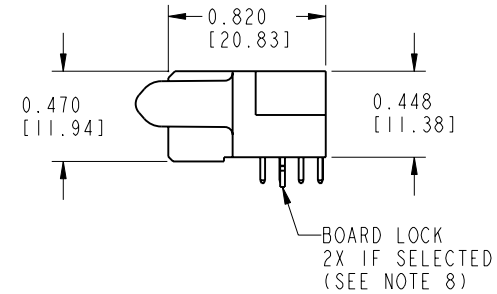
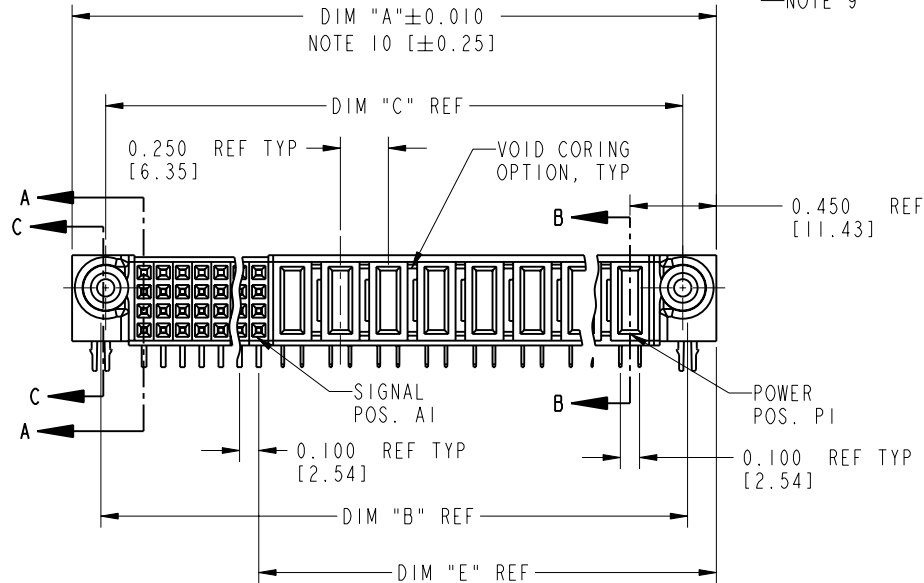
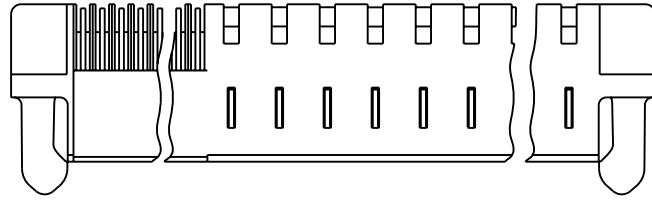


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PRODUCT NUMBER
51772-YYY
SEE NOTE 1



CODE	DIM "M"	DIM "T"	TAIL TYPE	CONTACT TYPE
E	N/A	0.135	SOLDER	SIGNAL
F	N/A	0.135	SOLDER	SIGNAL
G	N/A	0.135	SOLDER	SIGNAL
H	N/A	0.135	SOLDER	SIGNAL
J	N/A	0.090	SOLDER	SIGNAL
K	N/A	0.090	SOLDER	SIGNAL
L	N/A	0.090	SOLDER	SIGNAL
M	N/A	0.090	SOLDER	SIGNAL
PA	0.042 [1.07]	0.135	SOLDER	POWER
PB	0.042 [1.07]	0.090	SOLDER	POWER
PC	0.092 [2.34]	0.135	SOLDER	POWER
PD	0.092 [2.34]	0.090	SOLDER	POWER
HA	N/A	N/A	N/A	HOLD DOWN
X	OMITTED	OMITTED	OMITTED	OMITTED

mat'l code				tolerances unless otherwise specified		CUSTOMER		CONFIDENTIAL			
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY	FCI www.fciconnect.com			
A	V02739	JWS	11-20-00		.XXX±.005/0.XX±0.13						
B	V21513	TAB	10-07-02	angles	.XXX±.0020/0.XXX±.051	INCH/MM	scale	title: R/A RECEPTACLE W/GUIDE PIN POWER / SIGNAL SPECIAL			
C	DG06-0098	JMG	03-08-06		0°±2°						
				dr	J. SHAFFER 11-20-00	1:1	product family	PwrBlade		code	
				engr	J. DODDS 11-15-00						
				chr	J. DODDS 11-20-00						
				appd	J. DODDS 11-20-00						
sheet index	revision sheet	C	C	C	C						
		1	2	3	4						

Pro/E

cage code 22526

PDM: Rev:C

STATUS: Released

Printed: Dec 20, 2010

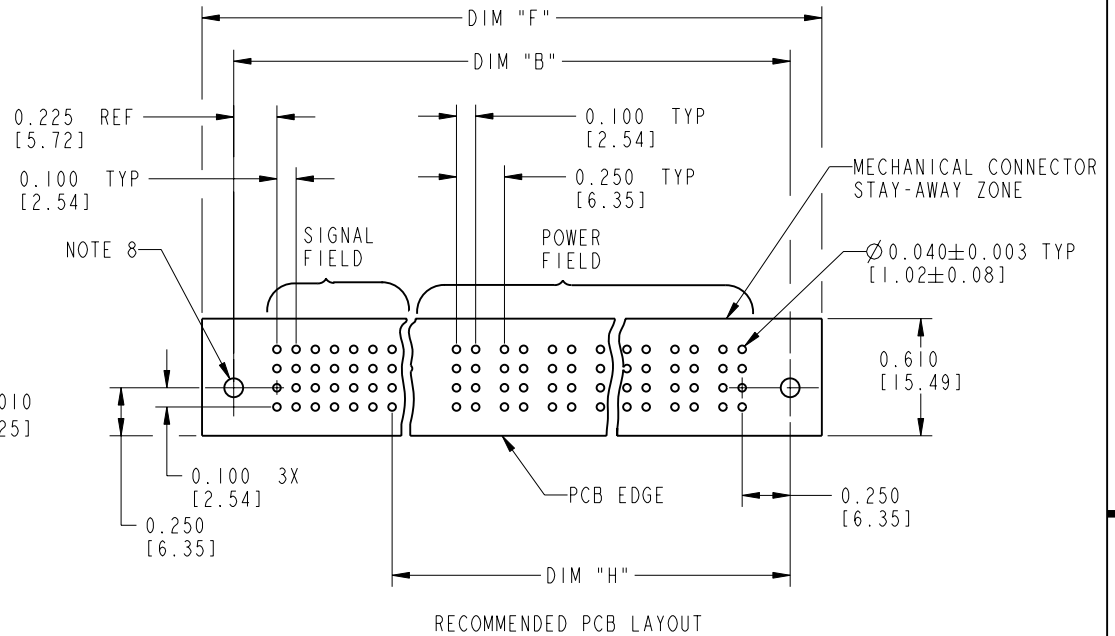
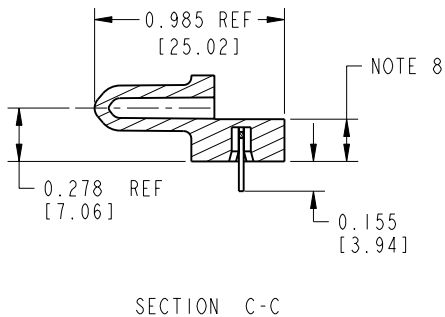
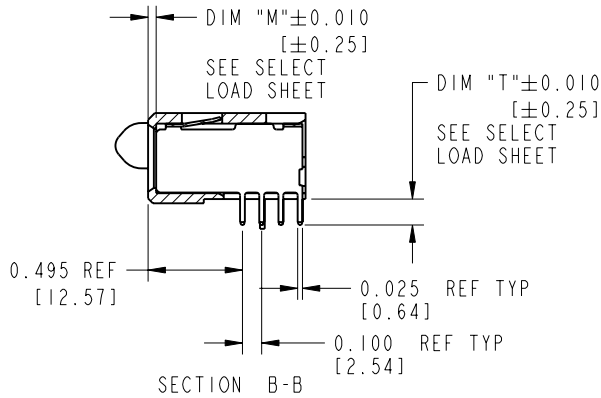
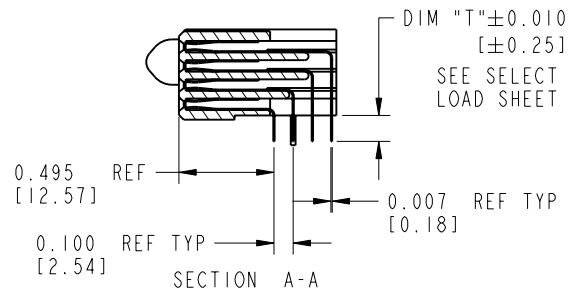
PRODUCT NUMBER 51772-YYY SEE NOTE 1	DIM	LENGTH FORMULAS (SEE NOTES 10 AND 18) DIM "A" .100 [2.54] X (CCC/4) + .250 [6.35] X DD + .650 [16.51] (NOTE 10) DIM "B" .100 [2.54] X (CCC/4) + .250 [6.35] X DD + .350 [8.89] DIM "C" .100 [2.54] X (CCC/4) + .250 [6.35] X DD + .300 [7.62] DIM "E" .250 [6.35] X DD + .375 [9.53] DIM "F" .100 [2.54] X (CCC/4) + .250 [6.35] X DD + .680 [17.27] DIM "H" .250 [6.35] X DD + .225 [5.72]
CONNECTOR NOTES: ①. PRODUCT NUMBER CODE FOR SELECT LOAD PART NUMBERS 51772 - YYY SEQUENCE NUMBER (NOTE 12) BASE NUMBER ②. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP. THERMOPLASTIC. SIGNAL CONTACT MATERIAL: COPPER ALLOY POWER CONTACT MATERIAL: COPPER ALLOY 3. PLATING: SIGNAL CONTACTS: 30u"/0.76u Au 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 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 LENGTH: 0.135±0.010 [3.43±0.25] SOLDER TO BOARD ⑧. RETENTION TO PCB: BOARD LOCK (REQUIRES Ø0.098 +0.002/-0.001 [2.49 + 0.05/-0.03] THRU HOLE IN PCB). (NOT AVAILABLE WITH PRESS FIT). MOUNTING FOOT THICKNESS: 0.220 [5.59] OR Ø0.150 [3.81] THRU HOLE (REQUIRES Ø0.158±0.003 [4.01±0.08] THRU HOLE IN PCB). MOUNTING FOOT THICKNESS 0.160 [4.06] ⑨. MANUFACTURER'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 APPLICATION SPECIFICATION BUS-20-067 ⑫. REFERENCE 51698 FOR SELECT LOAD/FMLB WORKSHEET. SEE PRODUCT SPECIFIC DRAWING 51772-YYY FOR SELECT LOAD/FMLB PRODUCT INFORMATION. PCB NOTES: 13. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED. 14. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10] 15. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE. 16. Ø0.098 [2.49] THROUGH HOLES ARE UNPLATED. 17. 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±0.08] HOLE. ⑬. LENGTH FORMULA VARIABLES CCC = NUMBER OF SIGNAL CONTACTS DD = NUMBER OF RIGHT SIDE POWER CONTACTS		

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mat'l code				NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	angles	dr	engr	chr	appd		
C				.XX±.01/0.X±0.3	.XXX±.005/0.XX±0.13	J. SHAFFER	J. DODDS	J. DODDS	J. DODDS	projection	
				.XXX±.0020/0.XXX±.051	0°±2°	11-20-00	11-15-00	11-20-00	11-20-00	 INCH/MM scale 1:1	
sheet index		revision sheet								title: R/A RECEPTACLE W/GUIDE PIN POWER / SIGNAL SPECIAL product family PwrBlade size 51772-001 code 213 sheet 2 of 3	

PRODUCT NUMBER
51772-YYY



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mat'l code				NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lfr	ecn no.	dr	date			linear	.XX±.01/0.X±0.3		COPY				
C							.XXX±.005/0.XX±0.13	projection					
						angles	.XXX±.0020/0.XXX±.051						
						dr	J. SHAFFER 11-20-00	INCH/MM					
						enrg	J. DODDS 11-15-00	scale					
						chr	J. DODDS 11-20-00	1:1					
						appd	J. DODDS 11-20-00						
sheet index	revision sheet												

title: R/A RECEPTACLE W/GUIDE PIN POWER / SIGNAL SPECIAL
product family: PwrBlade
code: 213
size: A
dwg no: 51772-001
sheet: 3 of 3

cage code 22526

Pro/E

PDM: Rev:C

STATUS: Released

Printed: Dec 20, 2010

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