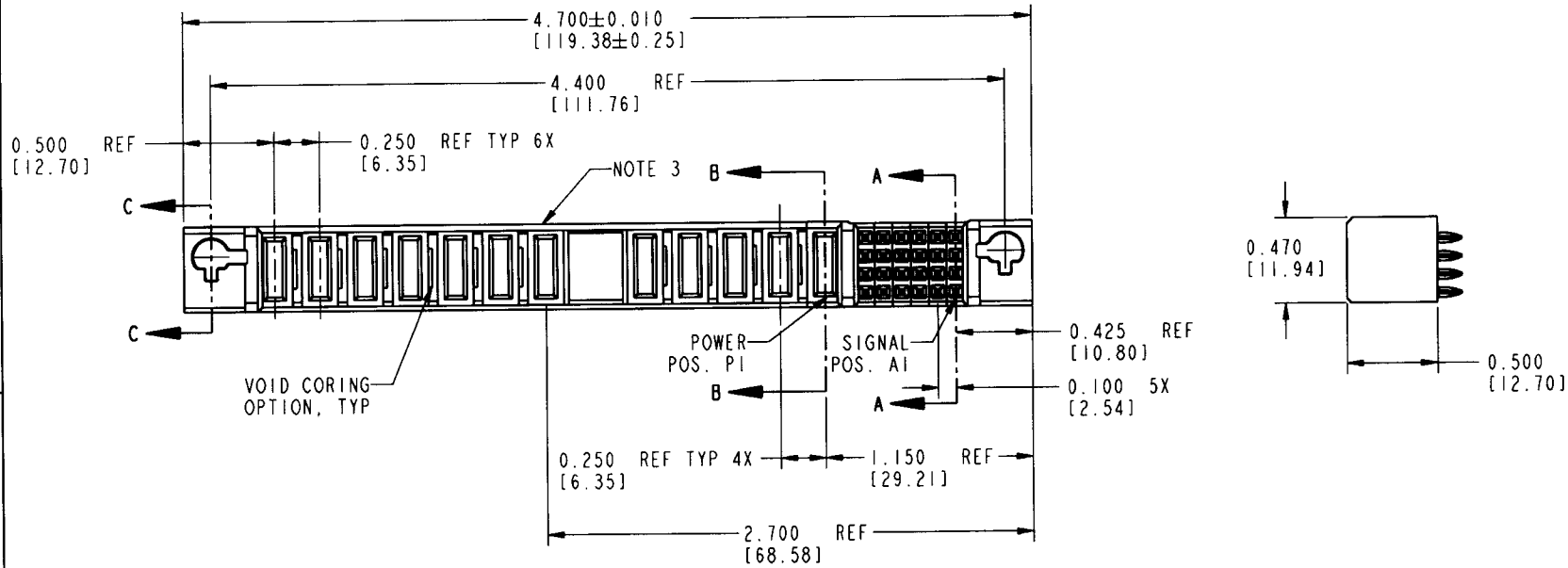


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PRODUCT NUMBER
SEE SHEET 4



mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI ELECTRONICS	
ltr	ecn no.	dr	date			.XX±.01/0.X±0.3		COPY		www.fciconnect.com	
A	V02392	JRW	10/09/00	linear		.XXX±.005/0.XX±0.13		projection		title	24S + 5P + 1M + 7P
B	V10136	JWS	1/12/01			.XXX±.0020/.XXX±.051				product family	PwrBlade
				angles		0°±2°		INCH/MM		size	dwg no
				dr	J. SHAFFER	1/12/01		scale	1:1	A	51617
				enrg	J. DODDS	1/12/01					code
				chr	J. DODDS	1/12/01					213
				appd	J. DODDS	1/12/01					sheet
sheet index	revision	B	B	B	B						1 of 4
sheet	sheet	1	2	3	4						

Pro/E

cage code 22526

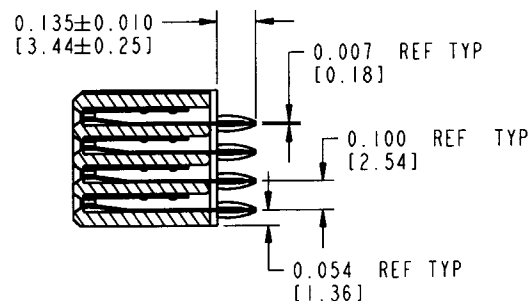
PDM: Rev:B

STATUS: Released

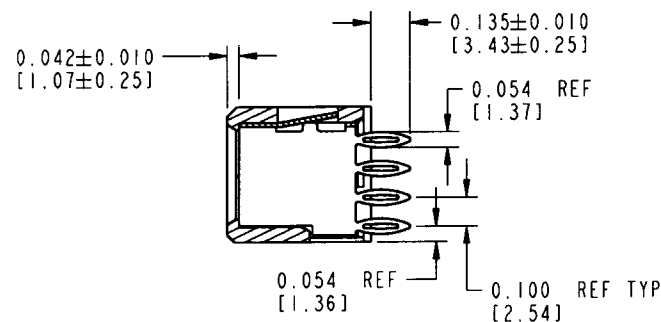
Printed: Aug 11, 2007



PRODUCT NUMBER
SEE SHEET 4



SECTION A-A
SCALE 3:2



SECTION B-B
SCALE 3:2

CONNECTORS - NOTES:

- ① HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP. THERMO PLASTIC
SIGNAL PIN MATERIAL: COPPER ALLOY
POWER CONTACT MATERIAL: COPPER ALLOY

2. PLATING:

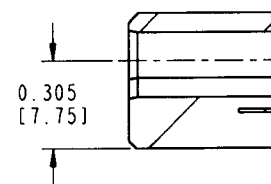
SIGNAL CONTACTS: 30u"/0.76u Au OVER 50u"/1.27u Ni
WITH SnPb ON PCB INTERFACE
POWER CONTACTS: 50u"/1.27u Ni UNDER ALL;
WITH 30u"/0.76u Au ON CONTACT AREA
AND SnPb ON PCB INTERFACE

- ③ "MANUFACTURER'S" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE

4. PRODUCT SPECIFICATION GS-12-149

PCB - NOTES

5. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
6. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
8. Ø0.0453/1.151 DRILLED HOLES
PLATED WITH 0.0003/.008 MIN SnPb
OVER 0.001 [0.03] to 0.003 [0.08] Cu PLATING TO ACHIEVE
A Ø0.040±.003 [1.02±.07] HOLE



SECTION C-C
SCALE 3:2

mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI ELECTRONICS	
lfr	ech no.	dr	date	linear	linear	linear	linear	COPY	projection	title	www.fciconnect.com
B					.XX±.01/0.X±0.3	.XXX±.005/0.XX±0.13	.XXX±.0020/.XXX±.051			24S + 5P + 1M + 7P	
				angles	0°±2°					VERTICAL PRESSFIT RECEPTACLE	
				dr	J. SHAFFER	1/12/01				product family	PwrBlade
				engr	J. DODDS	1/12/01				size	dwg no
				chr	J. DODDS	1/12/01				A	51617
				appd	J. DODDS	1/12/01				code	213
sheet index	revision	sheet								sheet	2

Pro/E

cage code 22526

PDM: Rev:B

STATUS: Released

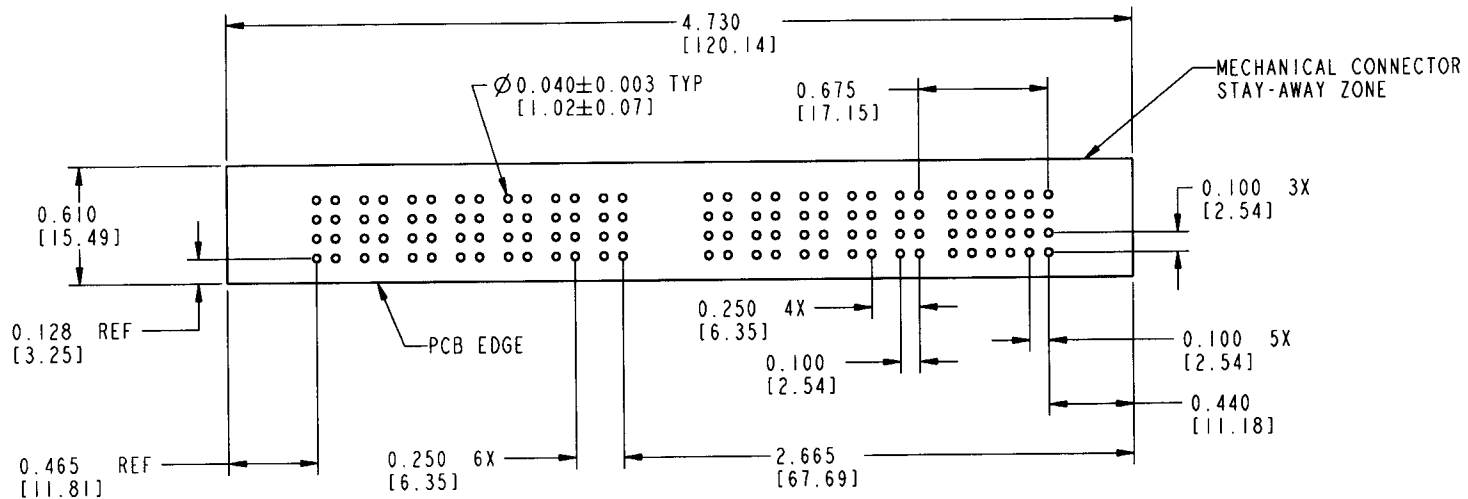
Printed: Aug 11, 2007

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RECOMMENDED PCB LAYOUT

mat'l code		NOTE 1		tolerances unless otherwise specified		CUSTOMER		ELECTRONICS www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	title		
B				angles	.XXX±.005/0.XX±0.13		24S + 5P + 1M + 7P VERTICAL PRESSFIT RECEPTACLE		
				dr	.XXX±.0020/.XXX±.051	INCH/MM	product family		code
				enr	0°±2°	scale	PwrBlade		213
				chr	J. SHAFFER 1/12/01	1:1	size		sheet
				appd	J. DODDS 1/12/01		A		3
					J. DODDS 1/12/01		51617		
sheet index	revision						cage code		
	sheet						22526		

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CODE	CONTACT TYPE
PC	POWER
F	SIGNAL
X	OMIT

PRODUCT No.	ROWS	POWER								POWER					SIGNAL						
		E2	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	E1
51617 - XX001	D C B A		PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	F	F	F	F	F	F	
51617-XX002	D C B A		PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	F	F	F	F	F	F	

mat'l code				NOTE 1			tolerances unless otherwise specified			CUSTOMER		FCI ELECTRONICS	
litr	ecn no.	dr	date	linear	angles	dr	enrg	chr	appd	projection	scale	product family	code
8				.XX±.01/0.X±0.3	0°±2°	J. SHAFFER	J. DODDS	J. DODDS	J. DODDS	INCH/MM	1:1	PwrBlade	213
				.XXX±.005/0.XX±0.13		1/12/01	1/12/01	1/12/01	1/12/01			size	sheet
				XXXX±.0020/.XXX±.05								dwg no	4
												51617	
sheet index	revision	sheet											

cage code 22526

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