

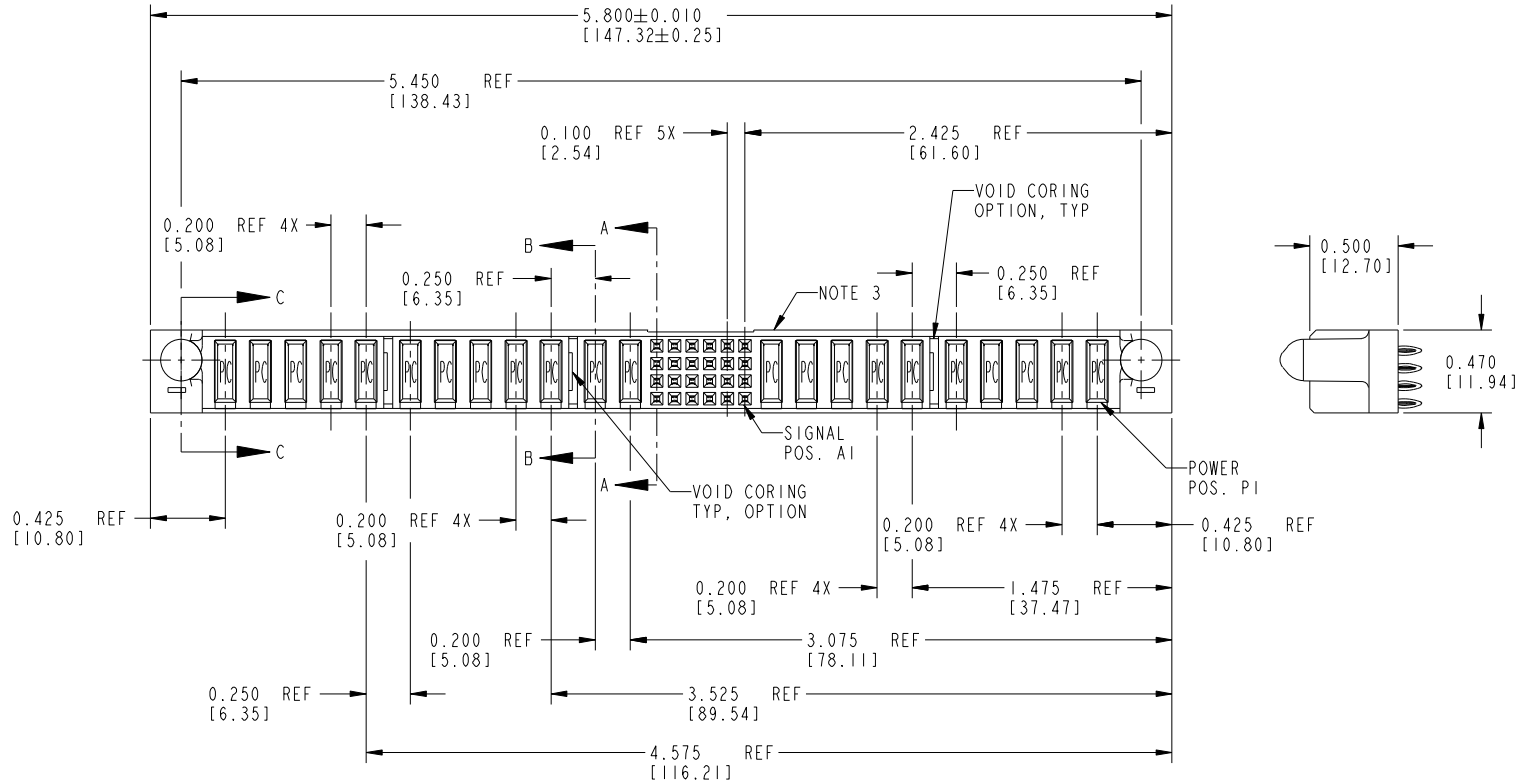
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CODE	CONTACT TYPE
PC	POWER
F	SIGNAL

PRODUCT No.	ROWS	POWER														SIGNAL				POWER										E1	
		E2	P22	P21	P20	P19	P18	P17	P16	P15	P14	P13	P12	P11	6	5	4	3	2	1	P10	P9	P8	P7	P6	P5	P4	P3	P2		P1
51857-001-- NOTE: 3	D C B A		PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	



mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecr no.	dr	date					COPY		www.fciconnect.com	
A	V02747	CGD	11-15-00	linear		.XX±.01/0.X±0.3		projection		title	10P + 24S + 12P
B	V02764	CGD	11-17-00			.XXX±.005/0.XX±0.13				VERTICAL PRESSFIT RECEPTACLE	
C	DG05-0240	GuoJM	07/27/05	angles		.XXX±.0020/0.XXX±0.051				product family	PwrBlade
D	DG07-0498	JW	05/23/08	dr		0°±2°				size	213
				enrg		E.KORFF 10-06-00		INCH/MM		dwg no	51857
				chr		E.TREECE 10-06-00		scale		sheet	1 of 3
				apdd		E.TREECE 10-06-00		1:1			
sheet index	revision	D	D	D						cage code	22526
	sheet	1	2	3							

Pro/E

PDM: Rev:D

STATUS:Released

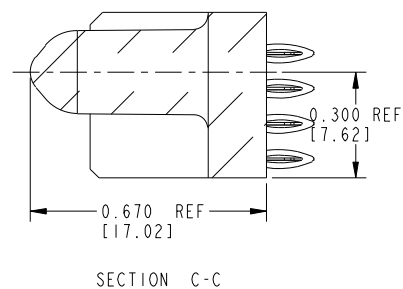
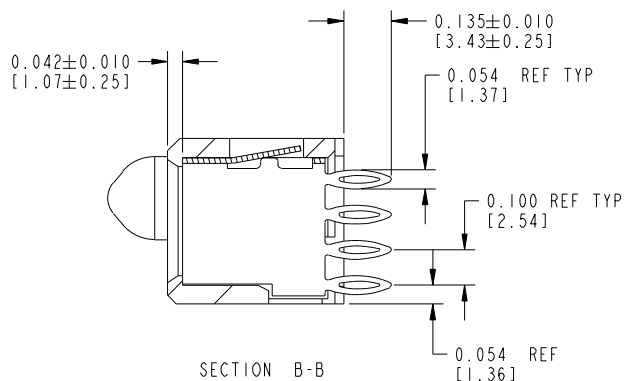
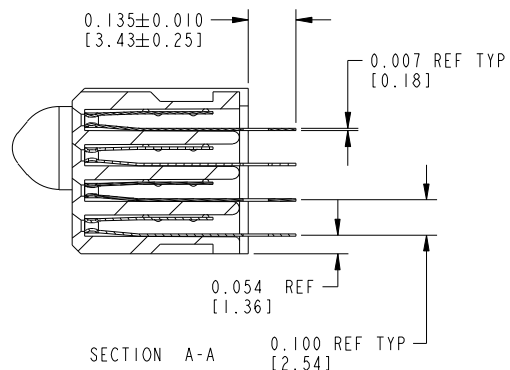
Printed: Sep 25, 2008



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PRODUCT NUMBER
51857-001--
NOTE: 3



NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

- 2 HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY
3. PLATING:
SEE ITEM 7 & 8 IN PRINT 10064183 FOR PLATING SPEC OF 51857-001; 51857-001LF
- 4 MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.
5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.
6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- 8 MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
- 9 $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm 0.07$ HOLE.
- 10 "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- 11 CONNECTOR KEEP-OUT ZONE.
12. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE OPTIONAL AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZING THE MOLDING PROCESS. THE VOID CORING WILL NOT EFFECT TO PRODUCT FUNCTION.
13. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION

mat'l code				NOTE 1				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com			
litr		ecn no.		dr		date		linear		.XX±.01/0.X±0.3		projection				title		10P + 24S + 12P VERTICAL PRESSFIT RECEPTACLE					
D										.XXX±.005/0.XX±0.13										.XXX±.0020/0.XXX±0.051			
								angles		0°±2°				INCH/MM		product family		PwrBlade		code			
										dr												E.KORFF 10-06-00	
										enrg		E.TREECE 10-06-00		scale		size		dwg no		51857		213	
										chr		E.TREECE 10-06-00											
										appd		E.TREECE 10-06-00										sheet	
																						2	
sheet index		revision sheet																					

Pro/E

3

cage code 22526

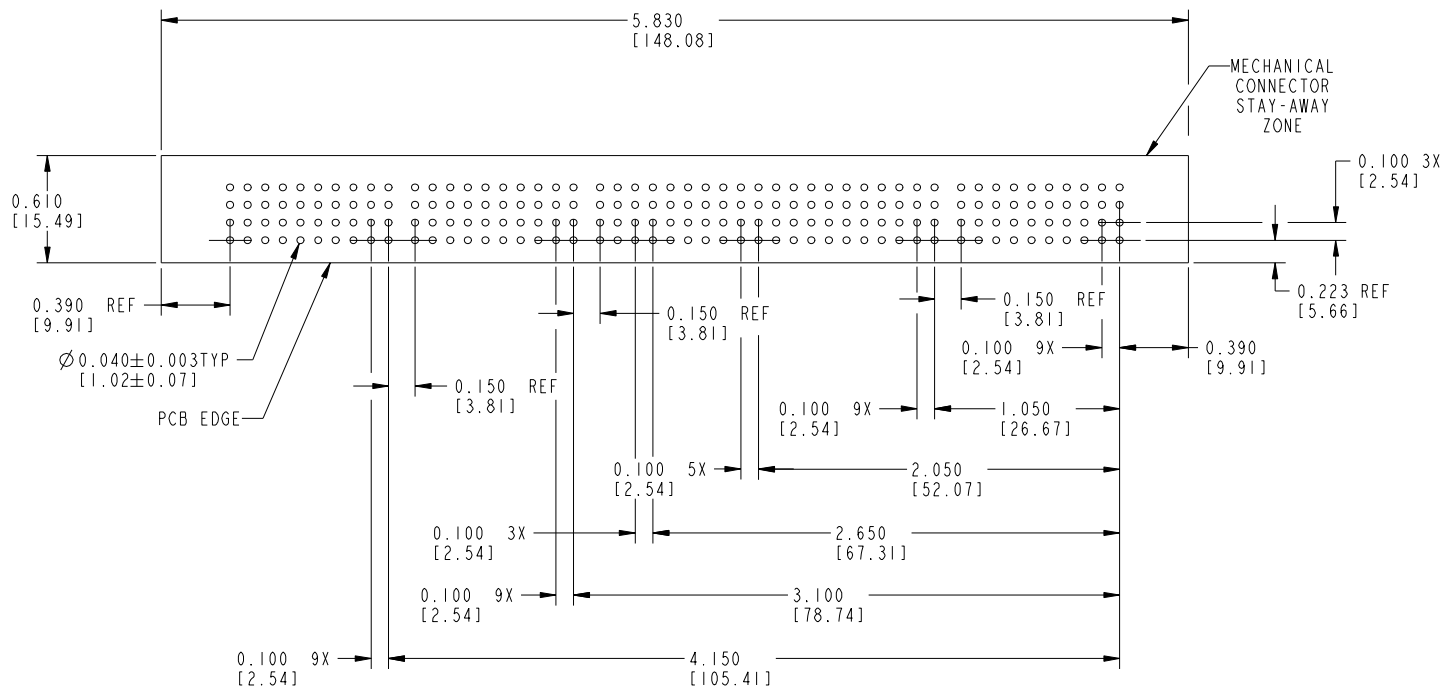
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PRODUCT NUMBER
51857-001--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date					COPY		www.fciconnect.com	
D						linear	.XX $\pm$.01/0.X $\pm$ 0.3	projection		title 10P + 24S + 12P	
						angles	.XXX $\pm$.005/0.XX $\pm$ 0.13			VERTICAL PRESSFIT RECEPTACLE	
							.XXX $\pm$.0020/0.XXX $\pm$ 0.051			product family PwrBlade	
						dr	E. KORFF 10-06-00			code 213	
						enr	E. TREECE 10-06-00			size dwg no	
						chr	E. TREECE 10-06-00			sheet 3	
						appd	E. TREECE 10-06-00			51857	
sheet index	revision sheet							scale 1:1			

Pro/E

cage code 22526