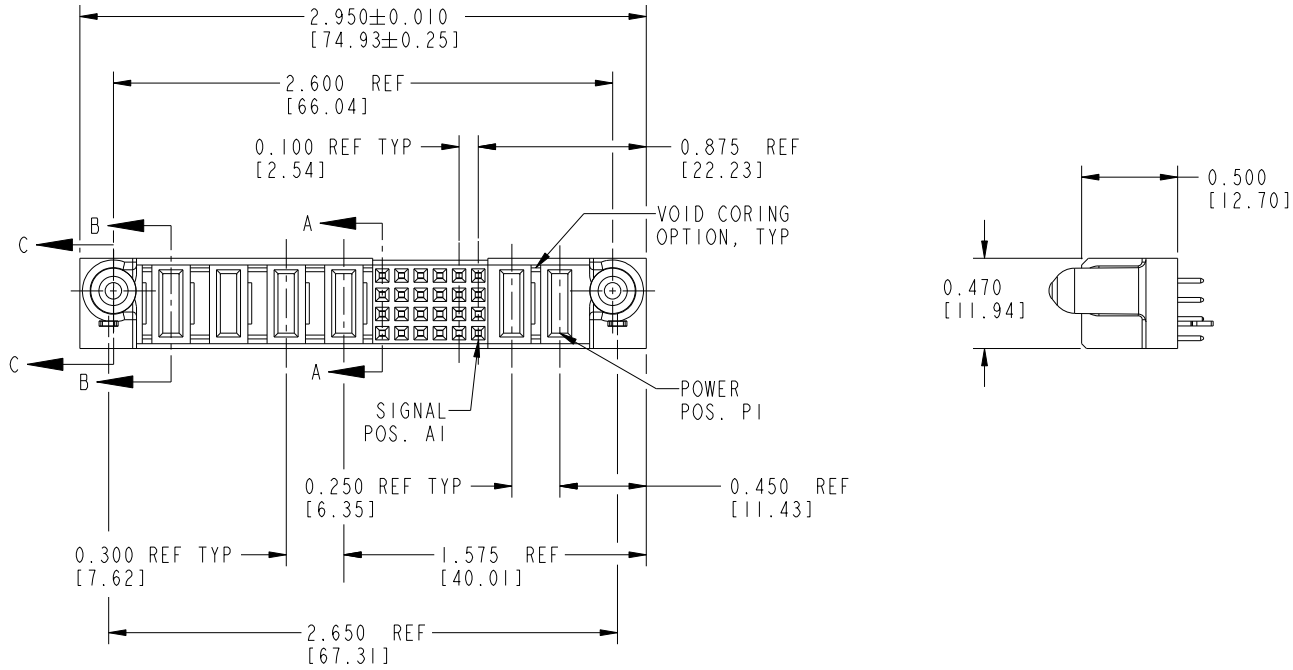


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PRODUCT No.	ROWS	POWER				SIGNAL					POWER		E1	
		E2	P6	P5	P4	P3	6	5	4	3	2	1		P2
51863-001-- NOTE: 2	D C B A		PA	PA	PA	PA	EEEEEE	EEEEEE	EEEEEE	EEEEEE	EEEEEE	PA	PA	



CODE	CONTACT TYPE
E	SIGNAL
PA	POWER
HA	HOLD-DOWN

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mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.xx±.01/0.X±0.3	COPY		projection		title	
A	V11143	CGD	12/09/05		.xxx±.005/0.XX±0.13	A				2P + 24S + 4ACP VERTICAL SOLDER TAIL RECEPTACLE	
B	DG05-0530	GuoJM	12/09/05	angles	.xxx±.002/0.XXX±.051	INCH/MM		product family		code	
C	DG08-0251	W D	09/16/08		0°±2°	scale		PwrBlade		213	
				dr	C. DAILY 12/09/05	1:1		size		sheet	
				enrg	J. ALLISON 03/30/01			dwg no		1 of 3	
				chr	J. ALLISON 03/30/01			A		51863-001	
				appd	J. ALLISON 03/30/01						
sheet index	revision sheet	C	C	C							
		1	2	3							

Pro/E

PDM: Rev:C

STATUS: **Released**

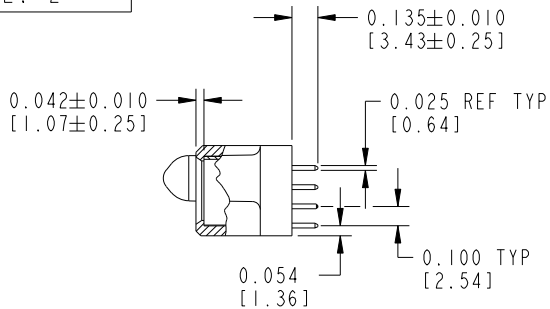
Printed: Dec 20, 2010

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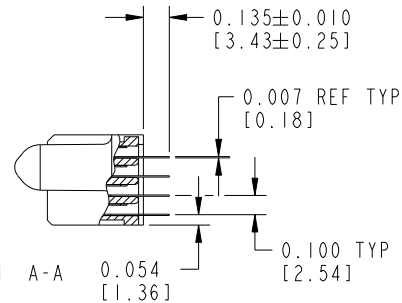
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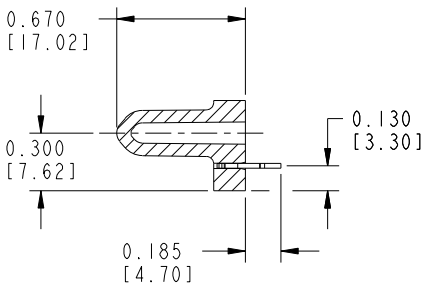
PRODUCT NUMBER
51863-001__
NOTE: 2



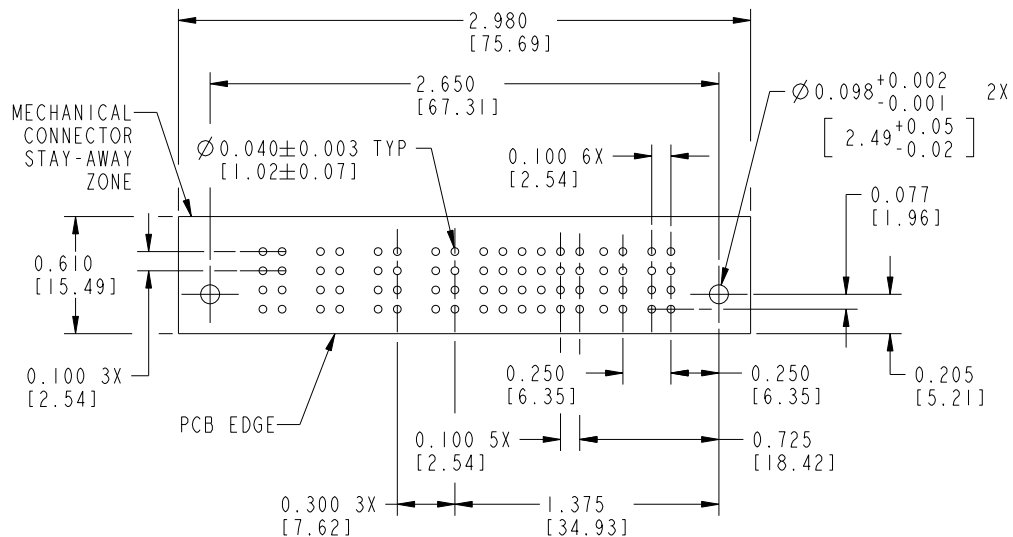
SECTION B-B



SECTION A-A



SECTION C-C



RECOMMENDED PCB LAYOUT

mat'l code		NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	.xx±.01/0.X±0.3	projection	www.fciconnect.com		
c				angles	.xxx±.005/0.XX±0.13	INCH/MM	title 2P + 24S + 4ACP		
				dr	.xxx±.0020/.xxx±.051	scale	VERTICAL SOLDER TAIL RECEPTACLE		
				engr	0°±2°	1:1	product family PwrBlade		code 213
				chr			size	dwg no	sheet 2
				appd			A 51863-001		
sheet index	revision sheet								

Pro/E

PDM: Rev: C

STATUS: Released

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1 | 2

3 |

4

PRODUCT NUMBER
51863-001__
NOTE: 2

CONNECTOR NOTES:

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

△ 2. SEE ITEM 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51863-001 AND 51863-001LF RESPECTIVELY.

PCB NOTES:

- 3. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
- 4. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
- 5. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
- 6. $\varnothing 0.098$ [2.49] THROUGH HOLES ARE UNPLATED
- 7. $\varnothing 0.0453 \pm 0.0010$ [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 $\varnothing 0.040 \pm 0.003$ [1.02 ± 0.07] HOLE.
- 8. 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		NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection		title	
C					.XXX±.005/0.XX±0.13	INCH/MM				2P + 24S + 4ACP VERTICAL SOLDERTAIL RECEPTACLE	
				angles	.XXX±.0020/.XXX±.051	scale		product family		code	
				dr	0°±2°	1:1		PwrBlade		213	
				enrg	C. DAILY 12/09/05			size		sheet	
				chr	J. ALLISON 03/30/01			A		3	
				appd	J. ALLISON 03/30/01			51863-001			
sheet index	revision sheet										

1 | 2

Pro/E

PDM: Rev: C

STATUS: **Released**

Printed: Dec 20, 2010

A

A

B

B

cage code 28526

4