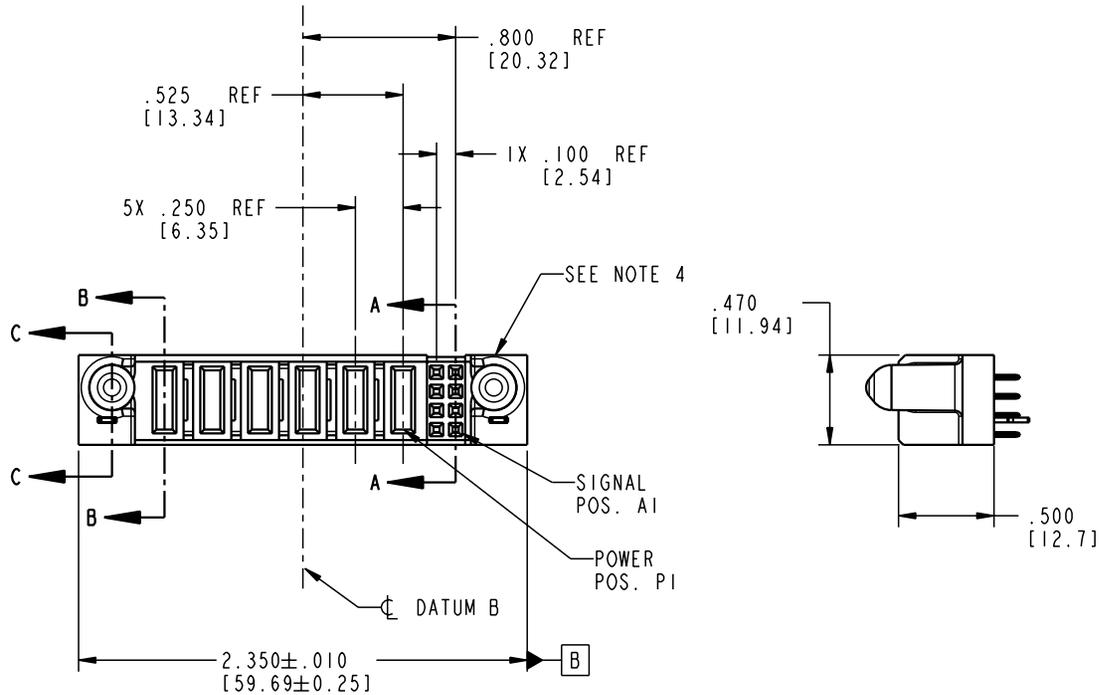


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PRODUCT NO.	ROWS	POWER							SIG	
		E2	P6	P5	P4	P3	P2	P1	2 1	E1
51751-006	D C B A									



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	N/A [N/A]	SIGNAL
PA	.042 [1.07]	POWER
PD	.092 [2.34]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		 INCH/MM	title	
A	V21778	CGD	11/14/02		.XXX±.005/0.XXX±0.13		projection			8S + 6P	
					.XXX±.0020/0.XXX±0.051		 scale 1:1			VERTICAL SOLDER RECEIPT	
				angles	0° ± 2°		 scale 1:1		product family		
				dr	C. DAILY	11/14/02	 scale 1:1		PwrBlade		
				engr	M. MOSTOLLER	11/14/02	 scale 1:1		code		
				chr	M. MOSTOLLER	11/14/02	 scale 1:1		213		
				appd	M. MOSTOLLER	11/14/02	 scale 1:1		sheet		
sheet index		revision sheet		A	A	A	A	A		1 of 4	
1		2		3	4			cage code		22526	

Pro/E

cage code 22526

PDM: Rev:A

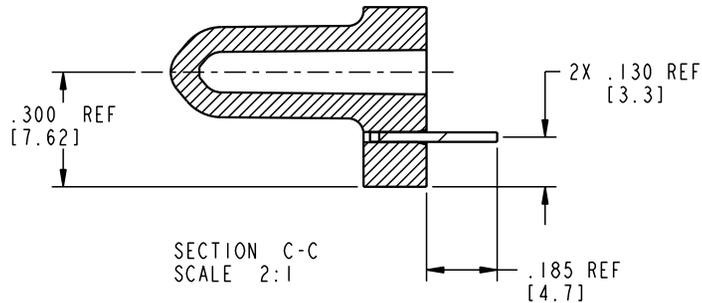
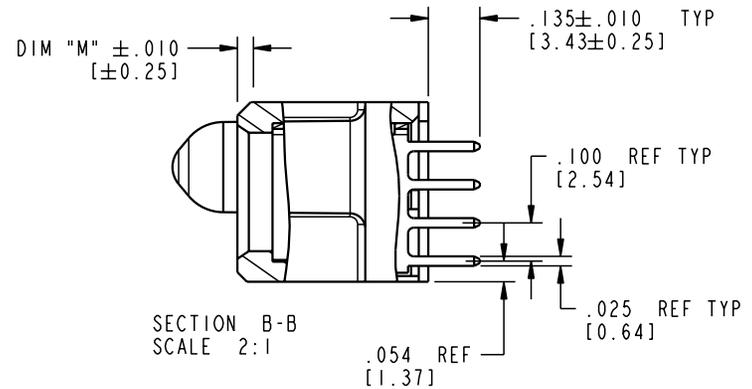
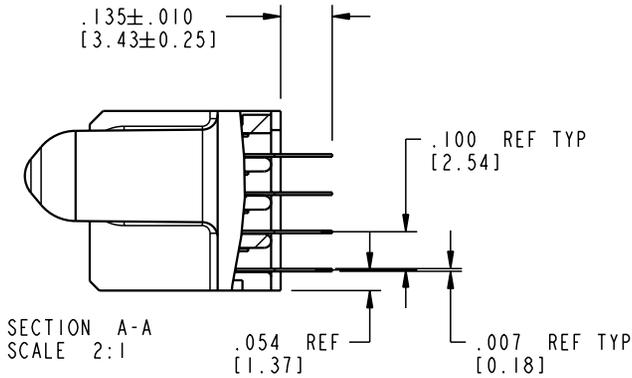
STATUS: Released

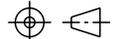
Printed: Oct 08, 2006

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PRODUCT NUMBER  
51751-006



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY		title		
A				angles	.XXX±.005/0.XX±0.13		8S + 6P		VERTICAL SOLDER RECEIPT		
				dr	.XXX±.0020/0.XXX±0.051		product family	PwrBlade	code	213	
				enr	0° ± 2°	scale	A	51751-006	sheet	2 of 4	
				chr		1:1					
				appd							
sheet index	revision sheet										

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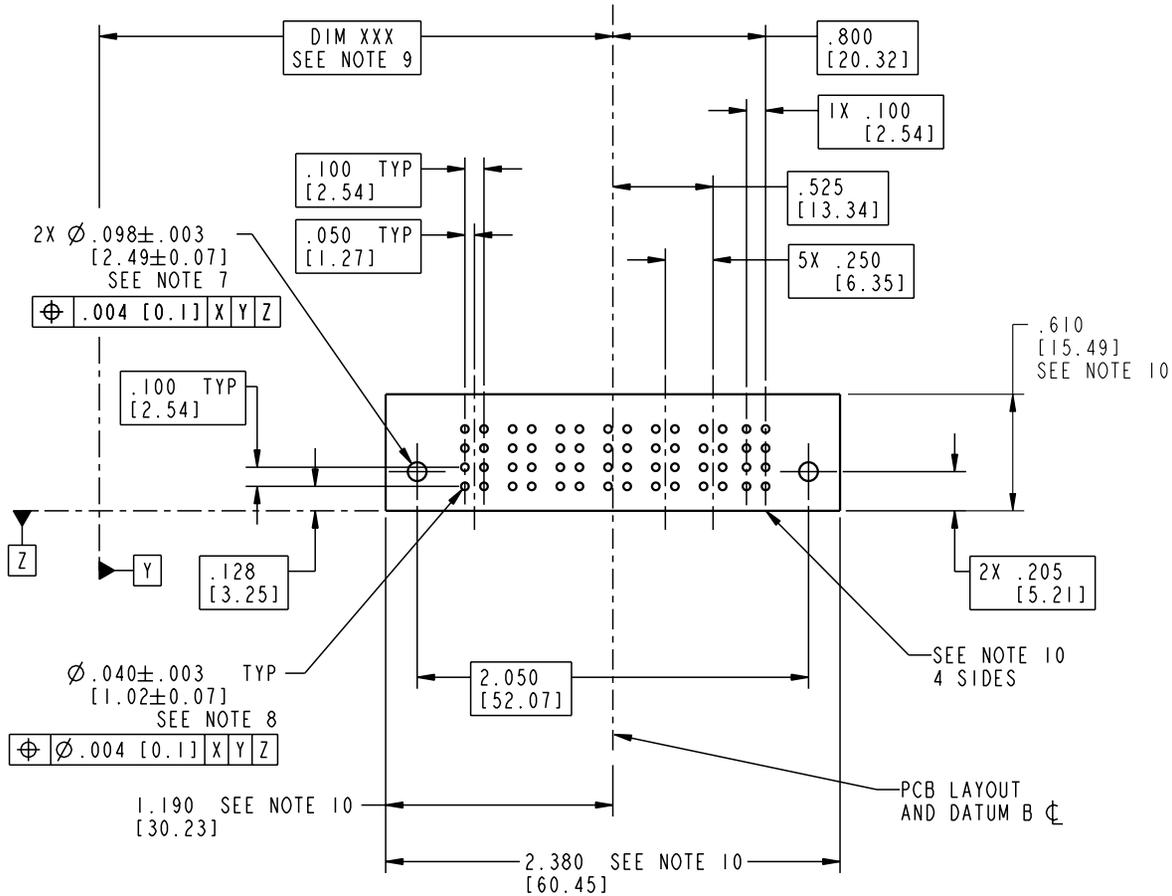
**A**  
**FCI**

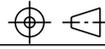
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**A**

**A**

PRODUCT NUMBER  
51751-006



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY		title		
A				angles	.XXX±.005/0.XX±0.13		8S + 6P		VERTICAL SOLDER RECEIPT		
				dr	.XXX±.0020/0.XXX±0.051	INCH/MM	product family		PwrBlade		code
				enr	0° ± 2°	scale	size		dwg no		sheet
				chr	0° ± 2°	1:1	A		51751-006		3 of 4
				appd	0° ± 2°						
sheet index	revision sheet										

**B**

**B**

1 | 2

Pro/E

3 |

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4

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PRODUCT NUMBER  
51751-006

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

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.

PCB NOTES:

- 6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- 7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
- 8  $\varnothing .0453 \pm .0010$  [1.151 ± 0.025] DRILLED HOLES PLATED WITH  
.0003 [0.008] MIN SnPb OVER .001 [0.03]  
TO .003 [0.08] Cu PLATING TO ACHIEVE  
 $\varnothing .040 \pm .003$  [1.02 ± .07] HOLE.
- 9 "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- 10 CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		title 8S + 6P VERTICAL SOLDER RECEPT		
A					.XXX±.005/0.XX±0.13		INCH/MM				
				angles	.XXX±.0020/0.XXX±0.051				product family PwrBlade code 213		
				dr	C. DAILY	11/14/02	scale 1:1		size dwg no A 51751-006 sheet 4 of 4		
				enr	M. MOSTOLLER	11/14/02					
				chr	M. MOSTOLLER	11/14/02					
				appd	M. MOSTOLLER	11/14/02					
sheet index	revision sheet										

1 | 2

Pro/E

3 |

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4

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