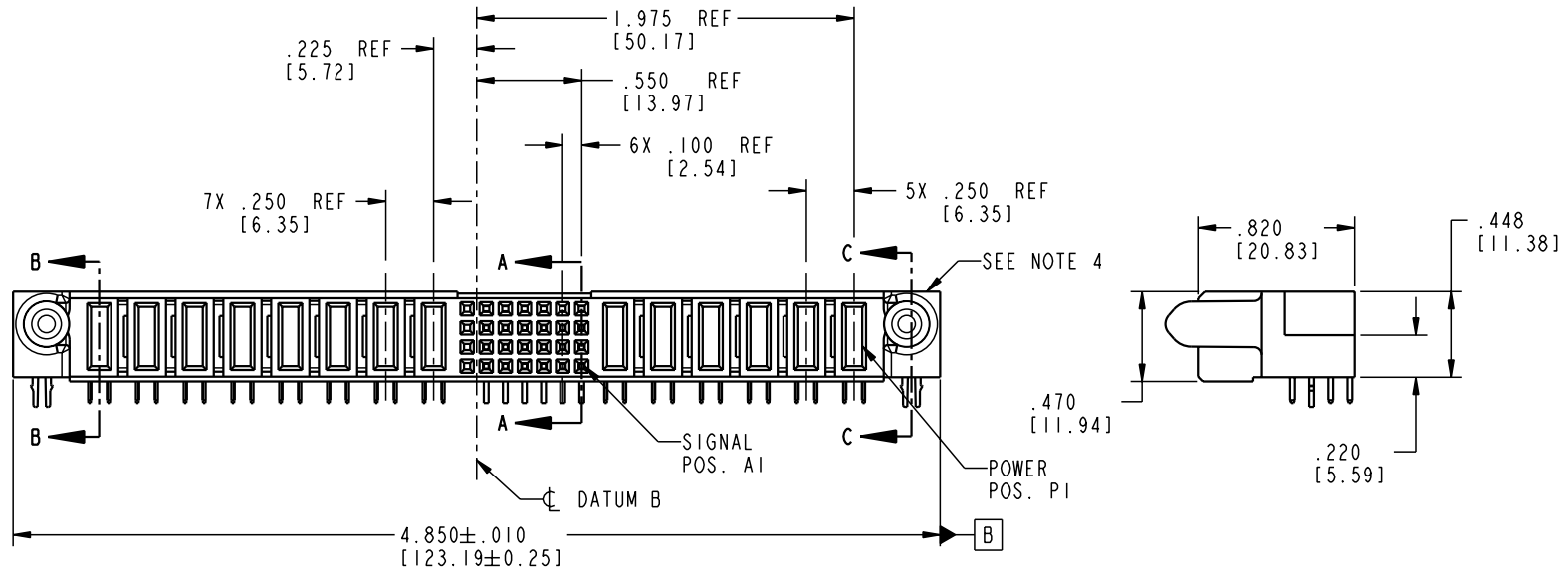


PRODUCT NO.	ROW S		POWER								SIGNAL								POWER						
		E2	P14	P13	P12	P11	P10	P9	P8	P7	7	6	5	4	3	2	1	P6	P5	P4	P3	P2	P1	E1	
51770-019	D C B A		PA	PA	PA	PA	PA	PA	PA	PA	X	H	H	H	H	H	H	PA	PA	PA	PA	PA	PA		
											X	G	G	G	G	G	G								
											X	F	F	F	F	F	F								
											X	E	E	E	E	E	E								



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	N/A [N/A]	SIGNAL
F	N/A [N/A]	SIGNAL
G	N/A [N/A]	SIGNAL
H	N/A [N/A]	SIGNAL
PA	.042 [1.07]	POWER
HA	N/A [N/A]	HOLD-DOWN
X	OMITTED	OMITTED

mat'l code				tolerances unless otherwise specified				CUSTOMER				FCI			
lfr	ecn no.	dr	date	linear	.XX $\pm$.01/0.X $\pm$ 0.3	projection	INCH/MM	COPY	title	6P + 28S + 8P	R/A SOLDER RECEPTACLE	product family	PwrBlade	code	213
A	V04-0963	TAB	09/27/04	angles	.XXX $\pm$.005/0.XX $\pm$ 0.13	scale	1:1		size	dwg no	51770-019	sheet	1 of 4		
				dr	T. BRUNGARD 09/27/04										
				enr	M. GRAY 09/27/04										
				chr	M. GRAY 09/27/04										
				appd	M. GRAY 09/27/04										
sheet index	revision sheet	A	A	A	A										
		1	2	3	4										

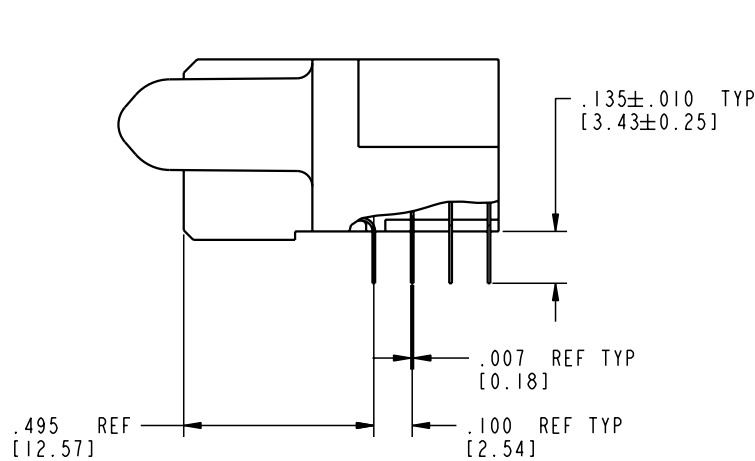
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A FCI

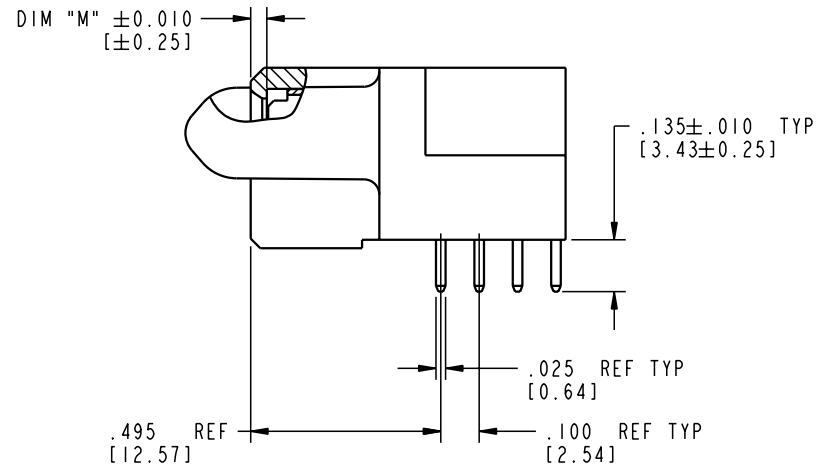
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B

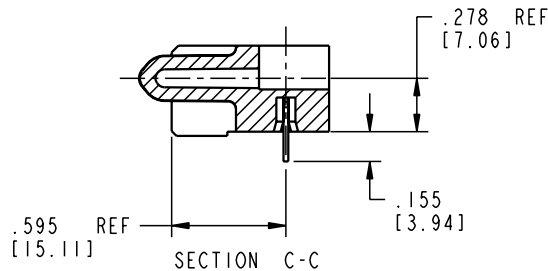
PRODUCT NUMBER
51770-019



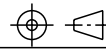
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

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		title 6P + 28S + 8P R/A SOLDER RECEPTACLE			
A					.XXX±.005/0.XX±0.13		projection					
					.XXXX±.0020/0.XXX±0.051							
				angles	0°±2°		INCH/MM 		product family PwrBlade		code	
				dr	T. BRUNGARD	09/27/04			size	dwg no	213	
				enrg	M. GRAY	09/27/04			scale	A	51770-019	
				chr	M. GRAY	09/27/04					sheet	
				appd	M. GRAY	09/27/04					2 of 4	
sheet index	revision sheet											

Pro/E

3

cage code
22526

4

PDM: Rev:A

STATUS: Released

Printed: Dec 20, 2010

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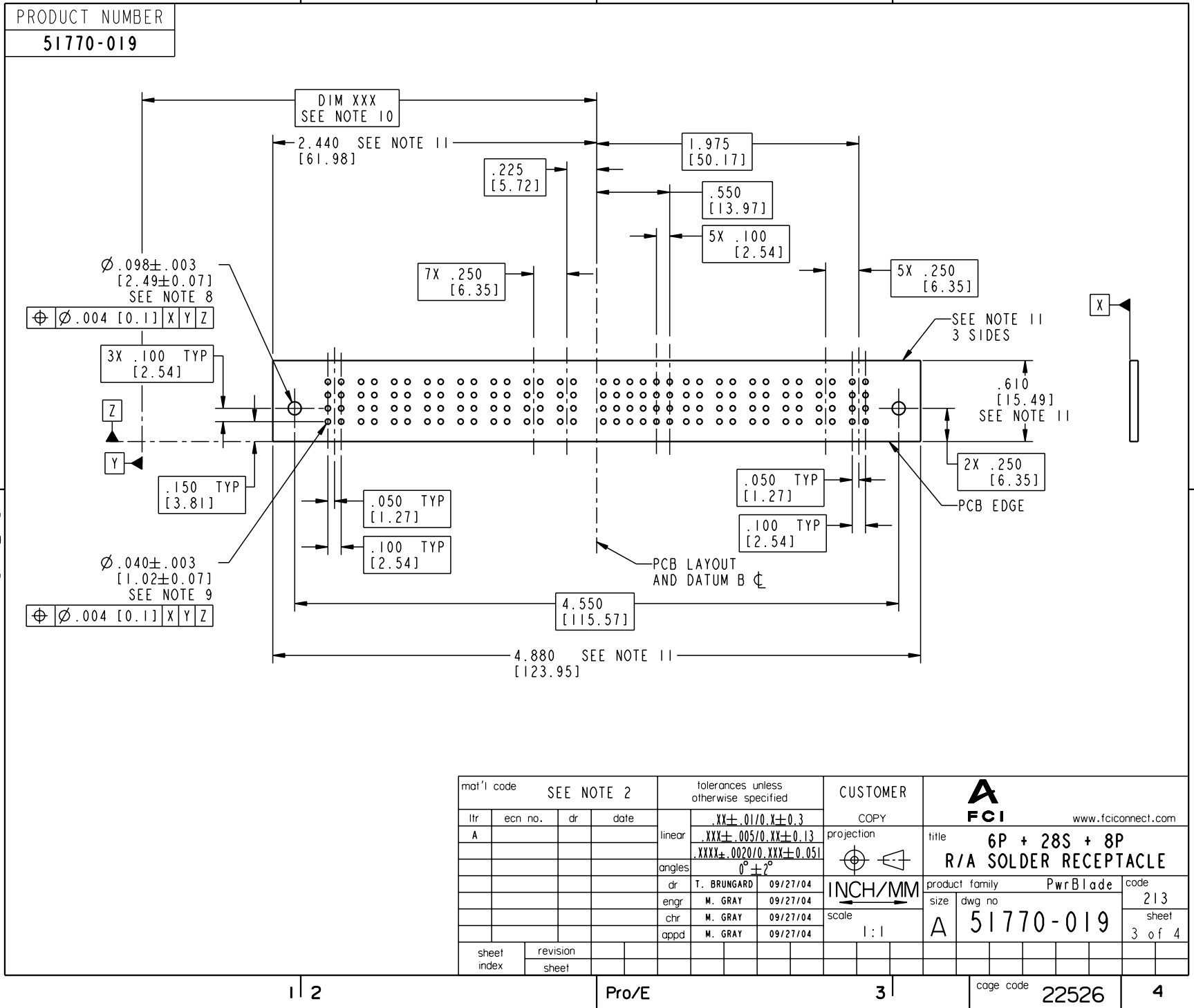
A
FCI

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A

FCI

B



A

B

PDM: Rev:A

STATUS: **Released**

Printed: Dec 20, 2010

PRODUCT NUMBER
51770-019

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.

6. PACKAGED IN TRAYS.

PCB NOTES:

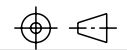
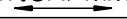
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

9. $\varnothing .0453 \pm .0010$ [1.151 $\pm$ 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 $\pm$.07] HOLE.

10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

11. CONNECTOR KEEP-OUT ZONE.

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				
A					.XXX±.005/0.XX±0.13		projection				
					.XXXX±.0020/0.XXX±0.051		scale				
				angles	0° ± 2°		INCH/MM				
				dr	T. BRUNGARD	09/27/04	product family		PwrBlade	code	213
				enrg	M. GRAY	09/27/04	size		dwg no	sheet	4 of 4
				chr	M. GRAY	09/27/04	A		51770-019		
				appd	M. GRAY	09/27/04	1:1				
sheet index	revision	sheet									

Mouser Electronics

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