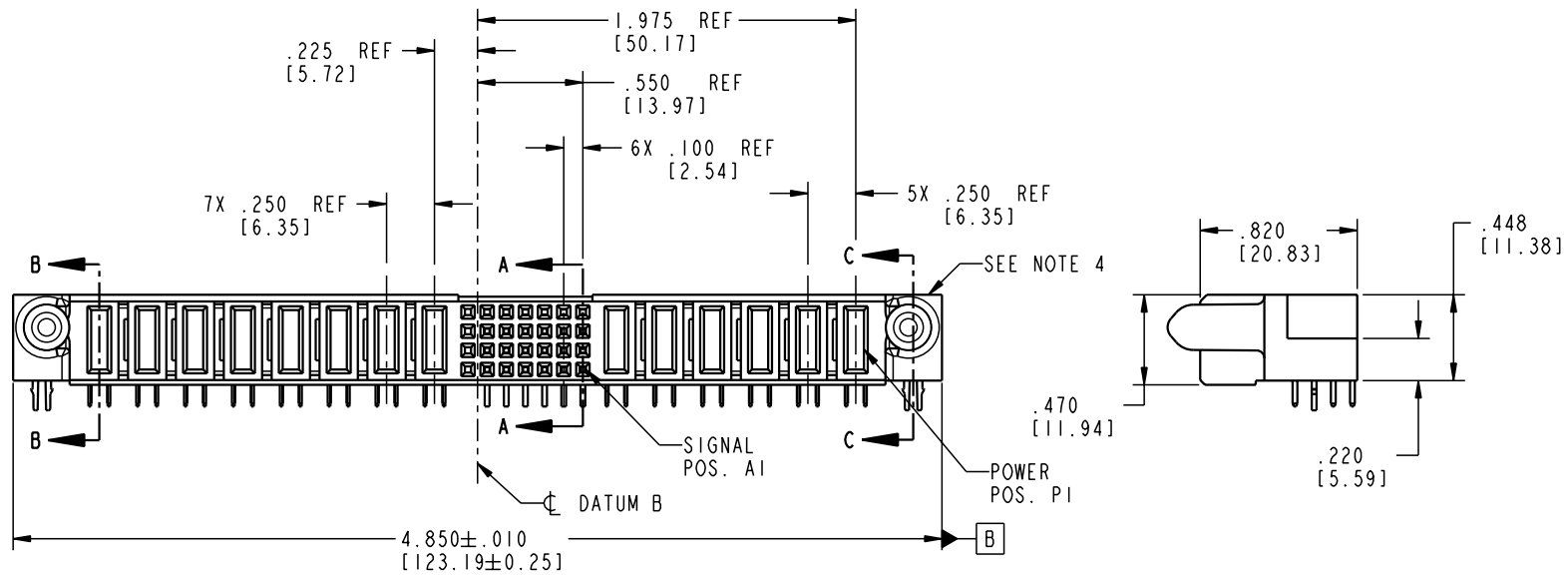


PRODUCT NO.	ROW S		POWER								SIGNAL							POWER						
		E2	P14	P13	P12	P11	P10	P9	P8	P7	7	6	5	4	3	2	1	P6	P5	P4	P3	P2	P1	E1
51770-019	D C B A		PA	PA	PA	PA	PA	PA	PA	PA	X	H	H	H	H	H	H	PA	PA	PA	PA	PA	PA	
											X	G	G	G	G	G	G							
											X	F	F	F	F	F	F							
											X	E	E	E	E	E	E							



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		COPY				www.fciconnect.com			
A	V04-0963	TAB	09/27/04	linear	.XXX $\pm$.005/0.XX $\pm$ 0.13	projection									
				angles	.XXX $\pm$.0020/0.XXX $\pm$ 0.051	projection									
				dr	T. BRUNGARD 09/27/04	INCH/MM									
				enr	M. GRAY 09/27/04	scale									
				chr	M. GRAY 09/27/04										
				appd	M. GRAY 09/27/04										
sheet index	revision sheet	A	A	A	A										
		1	2	3	4										

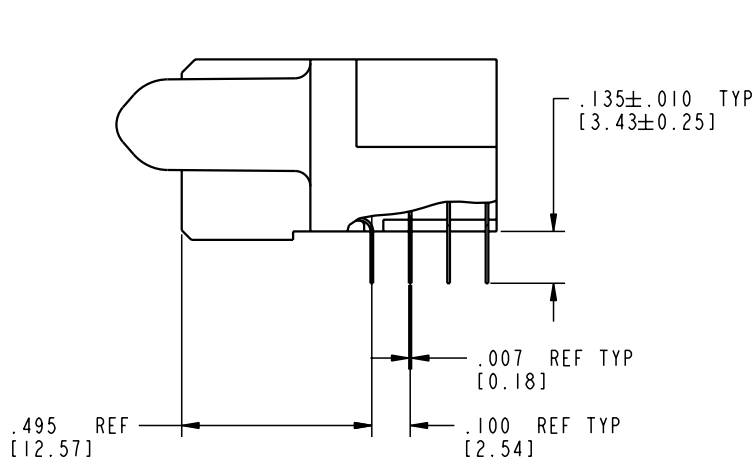
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A **FCI**

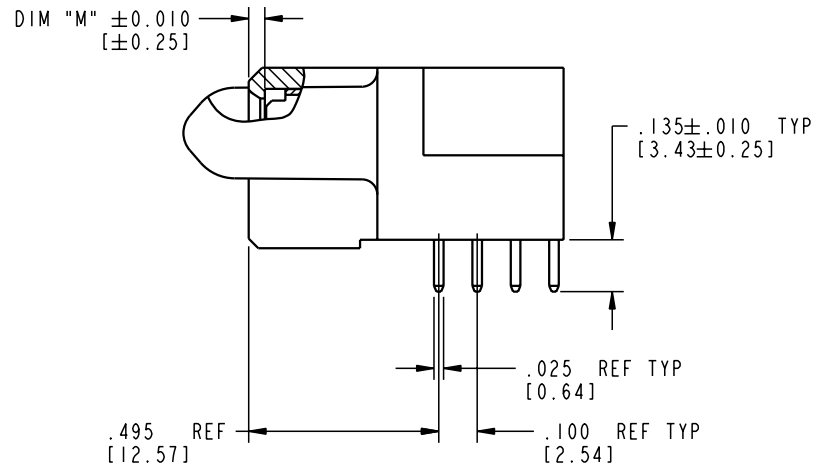
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B

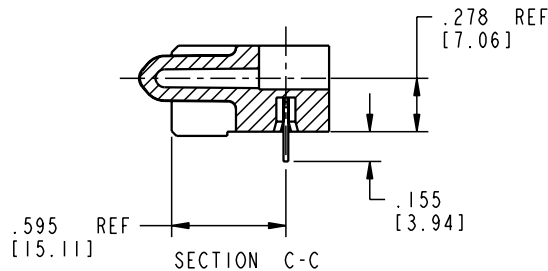
PRODUCT NUMBER
51770-019



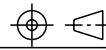
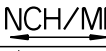
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		A FCI 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							
					angles	.XXX±.0020/0.XXX±0.051								
				0°±2°										
		dr	T. BRUNGARD	09/27/04	INCH/MM		scale 1:1		product family		PwrBlade	code		
		engr	M. GRAY	09/27/04					size	dwg no	213			
		chr	M. GRAY	09/27/04					A		51770-019		sheet	
		appd	M. GRAY	09/27/04									2 of 4	
sheet index		revision sheet												

B

Pro/E

3

cage code
22526

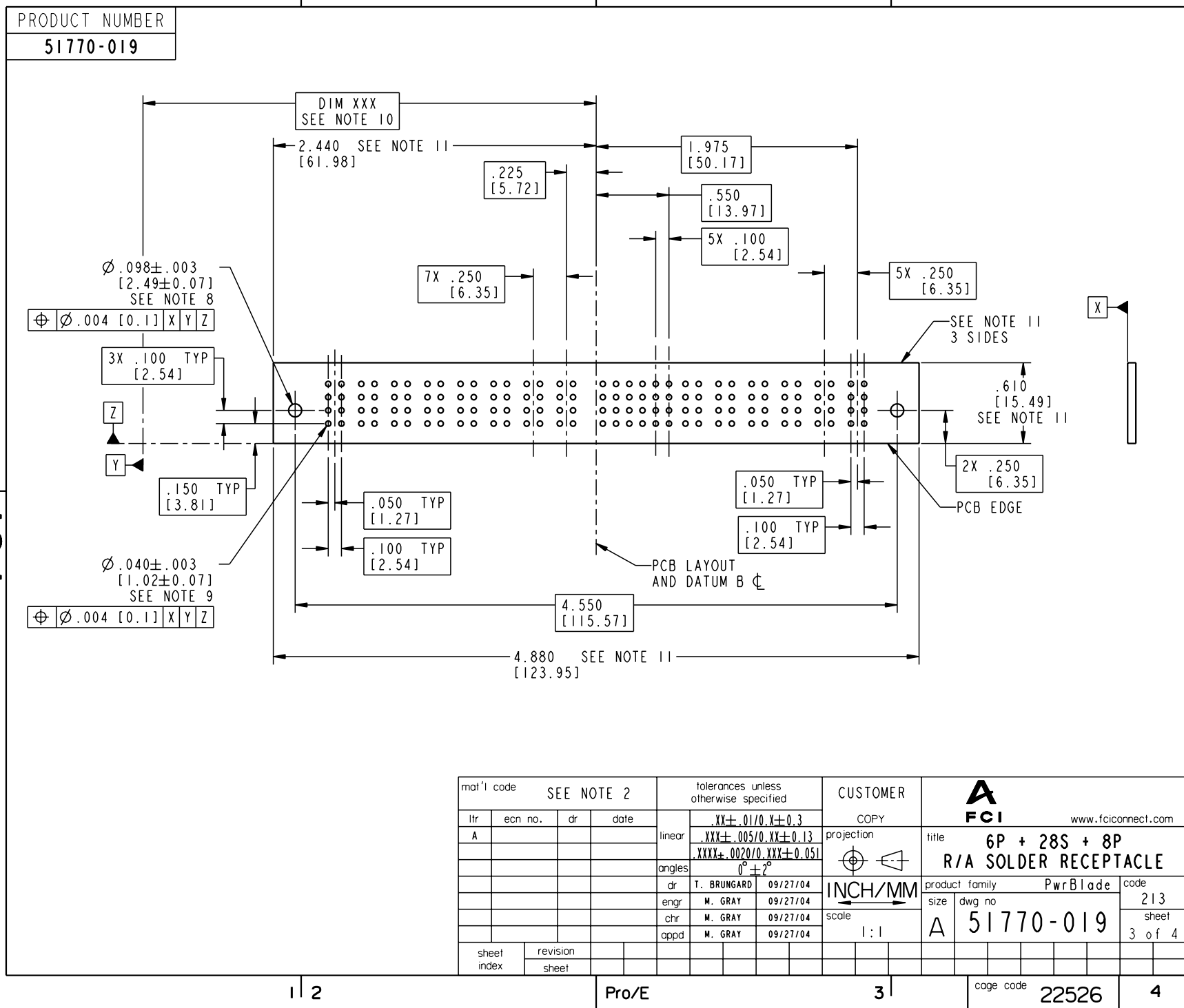
4

PDM: Rev:A

STATUS: **Released**

Printed: Dec 20, 2010

Δ **CE**



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:

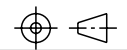
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

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		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX $\pm$.01/0.X $\pm$ 0.3		COPY		 INCH/MM scale 1:1		
A					.XXX $\pm$.005/0.XX $\pm$ 0.13		projection				
					.XXX $\pm$.0020/0.XXX $\pm$ 0.051						
				angles	0 $^{\circ}$ + 2 $^{\circ}$				title 6P + 28S + 8P R/A SOLDER RECEPTACLE product family PwrBlade size A code 213 sheet 4 of 4		
				dr	T. BRUNGARD	09/27/04	INCH/MM				
				enrg	M. GRAY	09/27/04	scale				
				chr	M. GRAY	09/27/04	1:1				
				appd	M. GRAY	09/27/04					
sheet index		revision sheet									