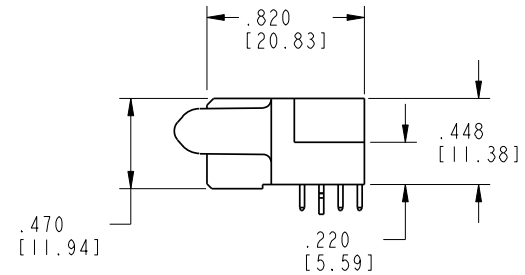
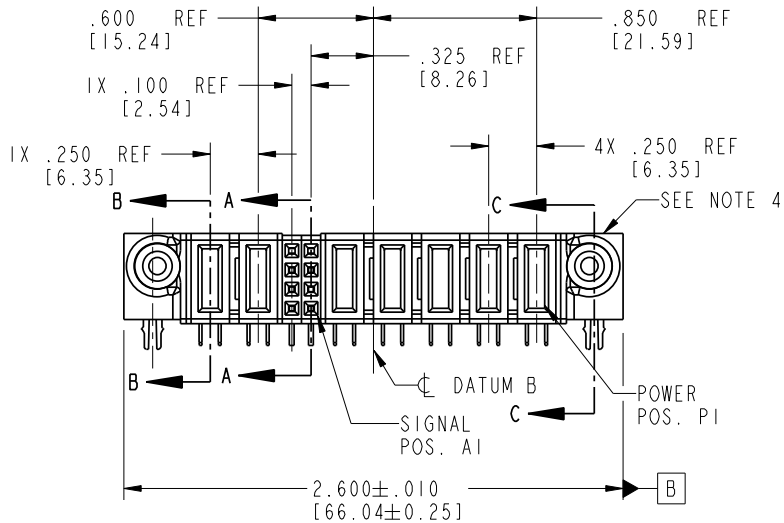


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PRODUCT NO.	ROWS	POWER		SIG	POWER					E1	
		E2	P7	P6	2 1	P5	P4	P3	P2		P1
51770-008_- NOTE: 3	D C B A		PC	PA	HH GG FF EE	PA	PC	PA	PC	PA	



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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
PC	.092 [2.34]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY	
A	V21353	TAB	08/21/02		.XXX±.005/0.XX±0.13	projection	
B	DG05-0304	GuoJM	09/14/05	angles	.XXXX±.0020/0.XXX±0.051	INCH/MM	
				dr	0°±2°	scale	
				enrg	T. BRUNGARD 08/21/02	1:1	
				chr	M. MOSTOLLER 08/21/02		
				appd	M. MOSTOLLER 08/21/02		
sheet index	revision sheet	B 1	B 2	B 3	B 4		

www.fciconnect.com		title	
5P + 8S + 2P		R/A SOLDER RECEPTACLE	
product family	PwrBlade	code	213
size	dwg no	sheet	1 of 4
A	51770-008		

Pro/E

PDM: Rev: B

STAT **US: Released**

Printed: Aug 14, 2007

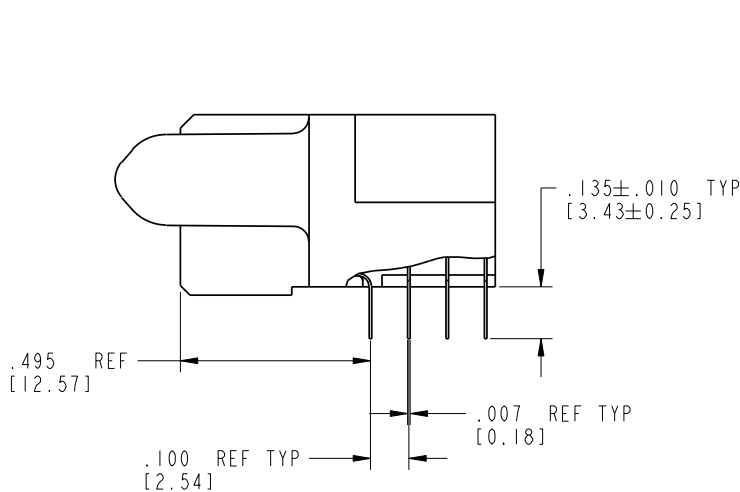
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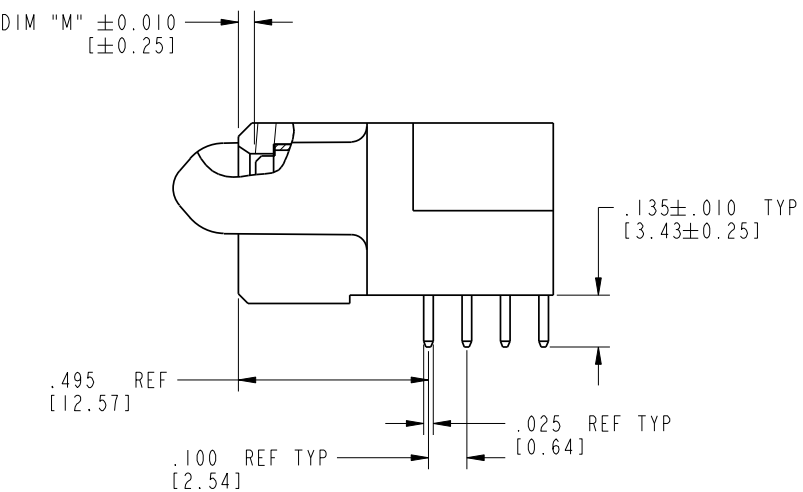
FCI

PRODUCT NUMBER

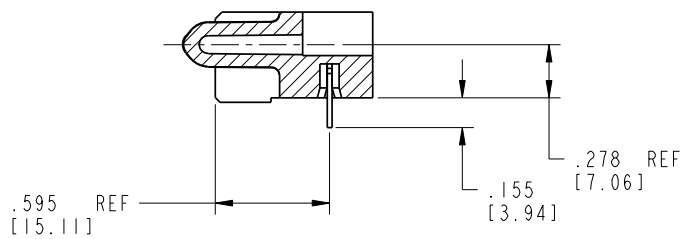
51770-008__
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

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mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title	
B					.XXY±.005/0.XX±0.13	projection		5P + 8S + 2P	
				angles	.XXX±.0020/0.XXX±0.051			R/A SOLDER RECEPTACLE	
				dr	0°±2°	INCH/MM		product family	
				engr	T. BRUNGARD 08/21/02	scale		PwrBlade	
				chr	M. MOSTOLLER 08/21/02	1:1		code	
				appd	M. MOSTOLLER 08/21/02	A		213	
sheet index		revision sheet		size		A		sheet	
				51770-008				2 of 4	

Pro/E

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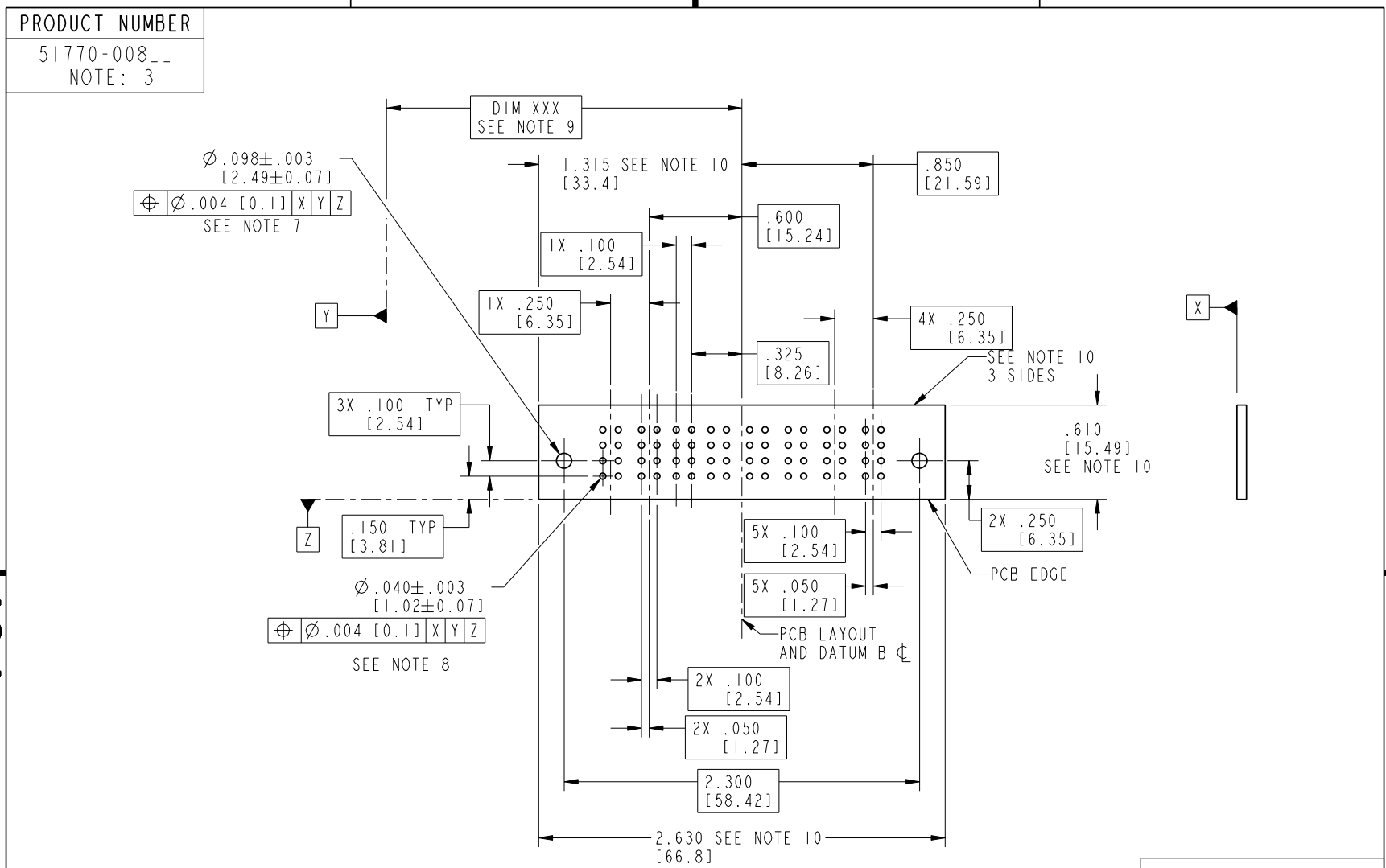
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A

B

A

B



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mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lir	ecn no.	dr	date	linear		COPY			
B					.XX±.01/0.X±0.3	projection		title 5P + 8S + 2P R/A SOLDER RECEPTACLE	
				angles	.XXY±.005/0.XX±0.13			product family PwrBlade	
				dr	.XXX±.0020/0.XXX±0.051	INCH/MM		code 213	
				enrg	$0^\circ \pm 2^\circ$	scale 1:1		sheet 3 of 4	
				chr	T. BRUNGARD 08/21/02			size A	
				appd	M. MOSTOLLER 08/21/02			dwg no 51770-008	
					M. MOSTOLLER 08/21/02			code 22516	
sheet index	revision sheet							Printed: Aug 14, 2007	

Pro/E

PDM: Rev: B

STAT **Released**

4 Printed: Aug 14, 2007

PRODUCT NUMBER

51770-008__
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:
51770-008 Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

51770-008LF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51770-008LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

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.


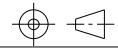
7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

8. $\varnothing .0453 \pm .0010$ [1.151 \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.

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

10. CONNECTOR KEEP-OUT ZONE.

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mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com		
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		title			
B					.XXX±.005/0.XX±0.13		projection		5P + 8S + 2P			
				angles	.XXX±.0020/0.XXX±0.051				R/A SOLDER RECEPTACLE			
					$0^\circ \pm 2^\circ$		INCH/MM		product family		code	
				dr	T. BRUNGARD	08/21/02	scale		PwrBlade		213	
				engr	M. MOSTOLLER	08/21/02	1:1		size		sheet	
				chr	M. MOSTOLLER	08/21/02	A		51770-008		4 of 4	
				appd	M. MOSTOLLER	08/21/02						
sheet index	revision sheet											

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