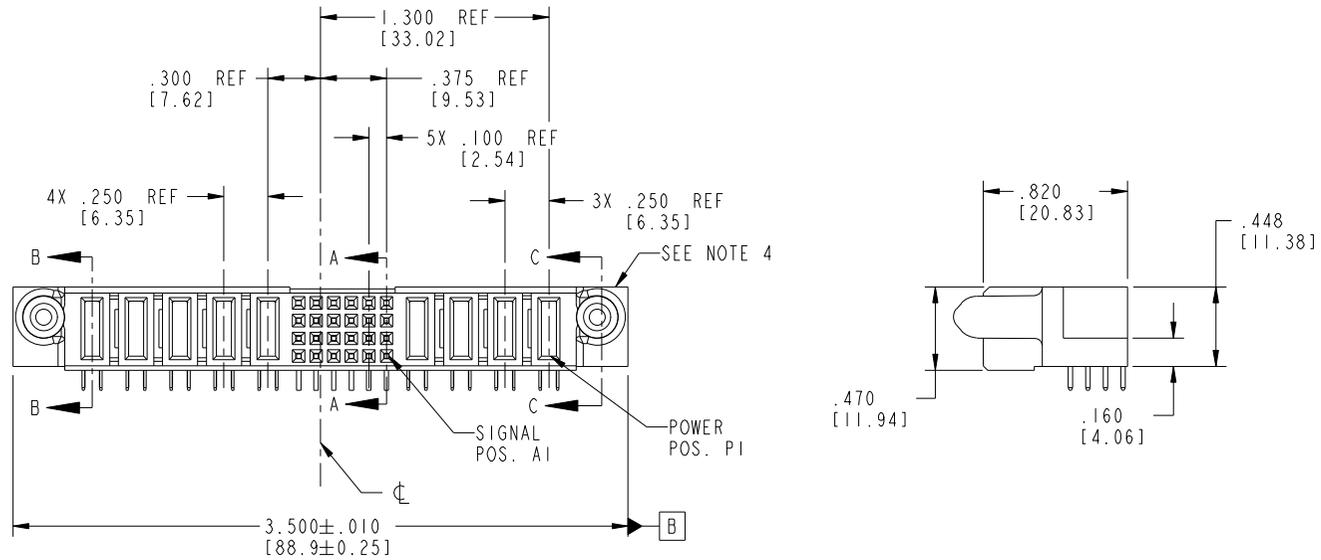


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PRODUCT NO.	ROWS	POWER				SIGNAL					POWER				E1				
		E2	P9	P8	P7	P6	P5	6	5	4	3	2	1	P4		P3	P2	P1	
51770-014..	D C B A		PA	PA	PA	PA	PC	H	H	H	H	H	H	H	PA	PA	PA	PA	
								G	G	G	G	G	G	G					
								F	F	F	F	F	F	F					
								E	E	E	E	E	E	E					



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
PC	.092 [2.34]	POWER

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER			
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
A	V03-1314	TAB	12/12/03	projection	.XXX±.005/0.XX±0.13	projection		title 4P + 24S + 5P	
B	DG08-0038	SH	02/14/08	angles	.XXX±.002/0.XXX±0.051	INCH/MM		R/A SOLDER RECEPTACLE	
				dr	0°±2°	scale 1:1		product family PwrBlade code 213	
				enr	T. BRUNGARD 12/12/03			size dwg no 51770-014 sheet 1 of 4	
				chr	M. GRAY 12/12/03				
				appd	M. GRAY 12/12/03				
sheet index	revision sheet	B 1	B 2	B 3	B 4				

cage code 22526

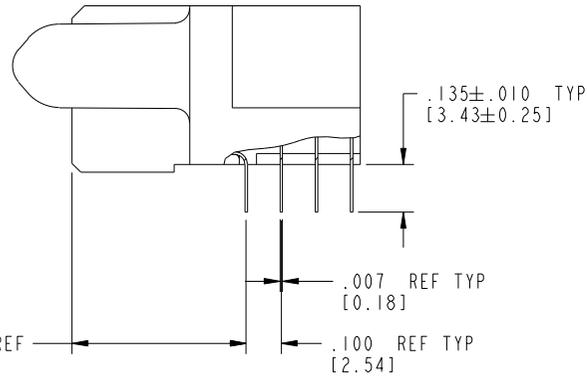
Pro/E

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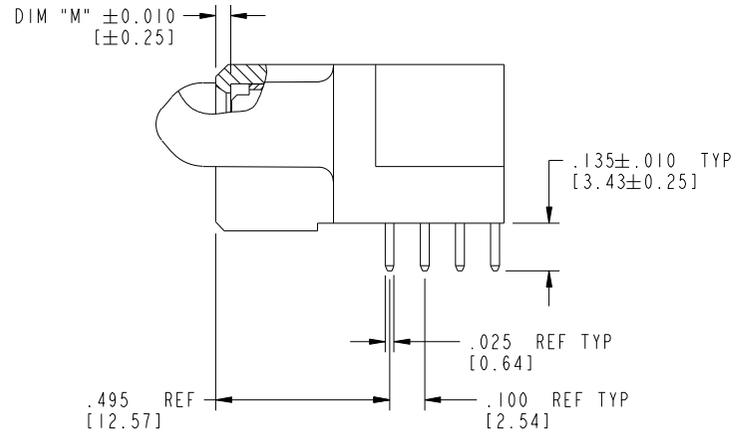


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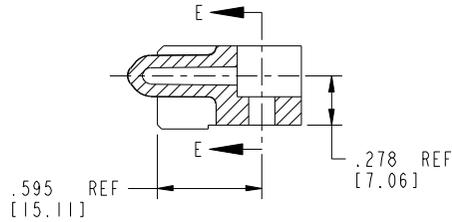
PRODUCT NUMBER
51770-014_



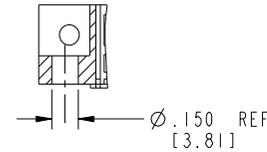
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mal't 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	
B					.XXX ± .005 / 0.XX ± 0.13	projection		4P + 24S + 5P	
				angles	.XXX ± .0020 / 0.XXX ± 0.051			R/A SOLDER RECEPTACLE	
				dr	0° ± 2°			product family	
				enr	T. BRUNGARD 12/12/03	INCH/MM		PwrBlade	
				chr	M. GRAY 12/12/03	scale		code	
				appd	M. GRAY 12/12/03	1:1		213	
sheet index		revision sheet				A		51770-014	
								2 of 4	

cage code 22526

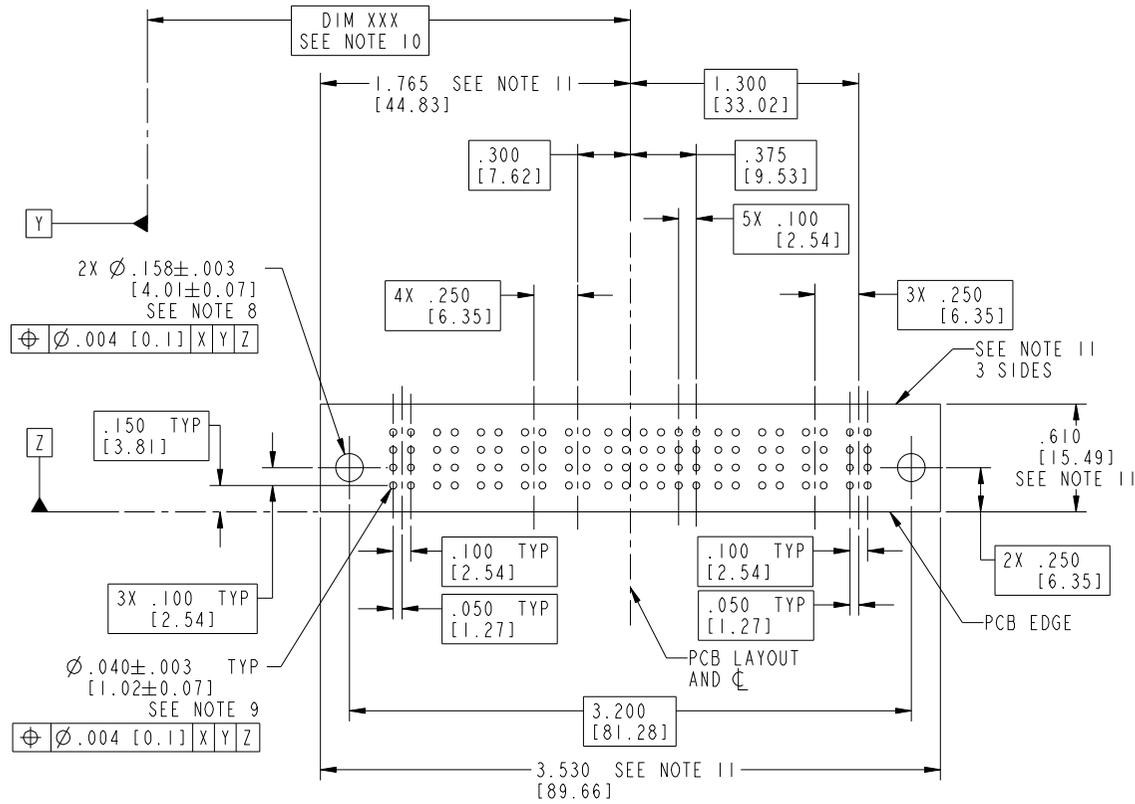
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PRODUCT NUMBER
51770-014_



RECOMMENDED PCB LAYOUT

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	
B					.XXX±.005/0.XX±0.13	projection		4P + 24S + 5P	
				angles	.XXX±.0020/0.XXX±0.051			R/A SOLDER RECEPTACLE	
				dr	0°±2°	INCH/MM		product family	
				enr	T. BRUNGARD 12/12/03	scale		PwrBlade	
				chr	M. GRAY 12/12/03	1:1		code	
				appd	M. GRAY 12/12/03	A		213	
sheet index	revision sheet					size		dwg no	
						A		51770-014	
						3 of 4			

cage code 22526

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PRODUCT NUMBER
51770-014__

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:
51770-014, 51770-014LF, PLATING SPEC. SEE PRINT: 10064183
- 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.

12. A \triangle SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH CURRENT DRAWING REVISION.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com			
ltr	ecr no.	dr	date	linear	.XX \pm .01/0.X \pm 0.3		COPY		projection	title			4P + 24S + 5P R/A SOLDER RECEPTACLE		
B					.XXX \pm .005/0.XX \pm 0.13		INCH/MM			product family		PwrBlade		code	
					.XXX \pm .0020/0.XXX \pm 0.051		1:1			size		dwg no		213	
				angles	0 $^{\circ}$ \pm 2 $^{\circ}$		scale		A		51770-014		sheet		
				dr	T. BRUNGARD 12/12/03								4 of 4		
				enr	M. GRAY 12/12/03										
				chr	M. GRAY 12/12/03										
				appd	M. GRAY 12/12/03										
sheet index	revision sheet														

cage code 22526

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