

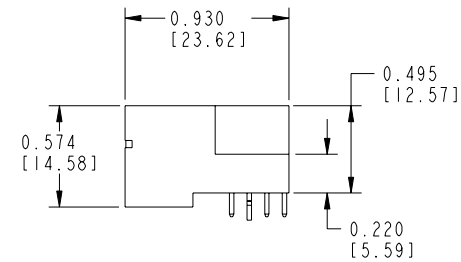
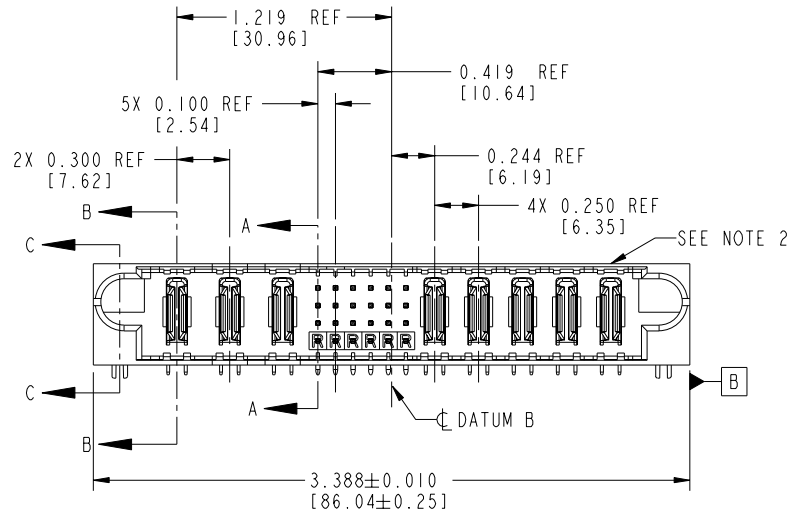
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PRODUCT NUMBER

51694-00X_-
SEE SHEET 3



THIS FILE WAS ORIGINALLY CREATED IN THE PRO
ENGINEER ENVIRONMENT AND ANY FUTURE REVISIONS TO
THIS FILE MUST BE MADE IN THE PRO ENGINEER
ENVIRONMENT

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER COPY		CONFIDENTIAL	
ltr	ecn no.	dr	date	linear	angles	.XX±.01/.X±.3	.XXX±.005/.X±.13	projection	title	product family	code
A	V02393	JRW	10-27-00						3ACP + 24S + 5P	PwrBlade	213
B	V20649	DAI	04-12-02						RIGHT ANGLE SOLDER HEADER		
C	DG05-0212	SJ	07/07/05								
D	DG05-0415	GuoJM	10/25/05	dr		M. GALLUPS	04-24-00	INCH/MM	size	dwg no	sheet
E	DG06-0011	CS	01/09/06	engr		J. BROWN	04-24-00	scale	A	51694	1 of 4
				chr		J. BROWN	04-24-00				
				appd		J. BROWN	04-24-00				
sheet index	revision sheet	E	E	E	E						
		1	2	3							

cage code 22526

PDM: Rev:E

STATUS:Released

Printed: Aug 11, 2007

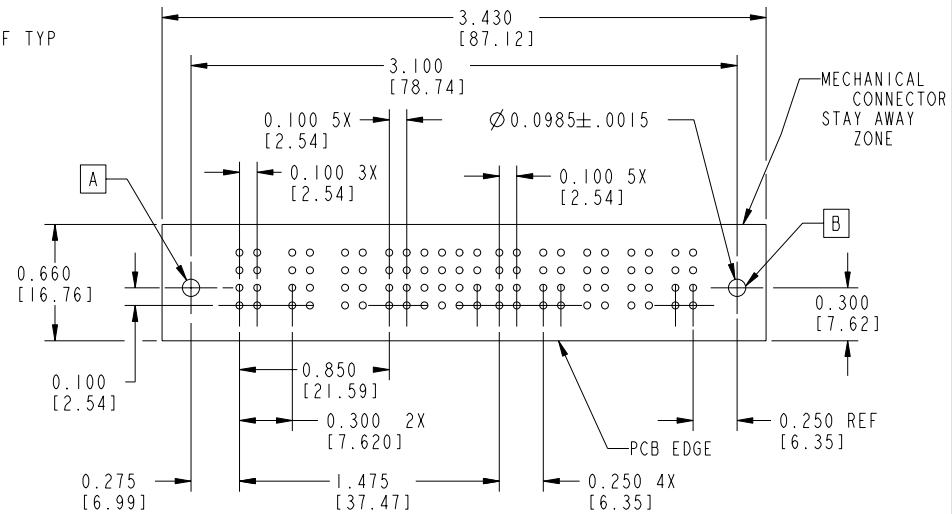
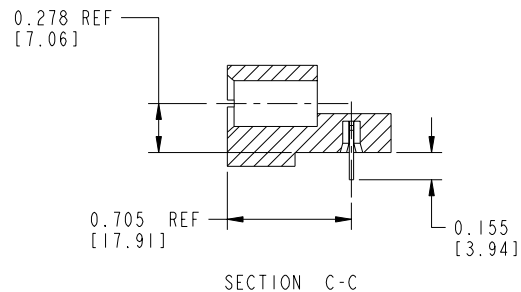
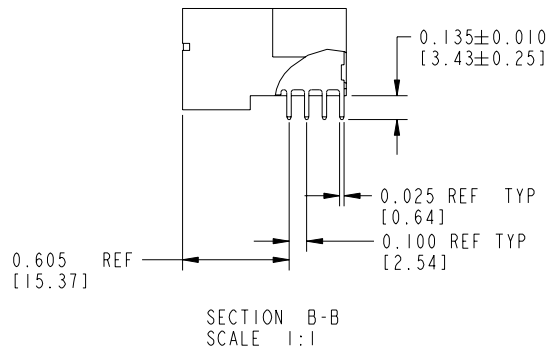
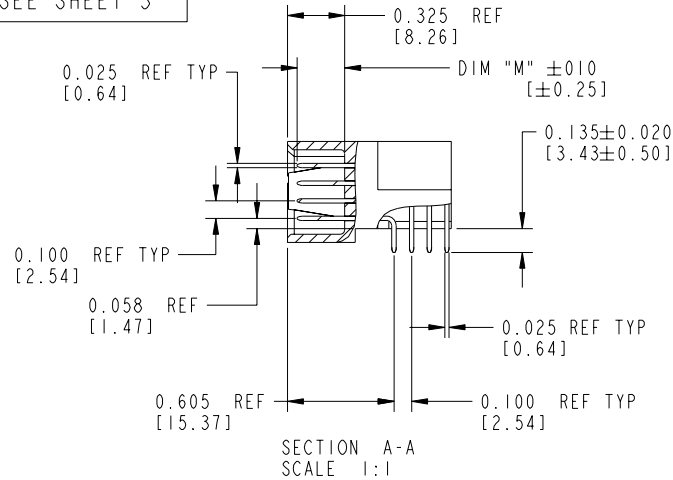
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RECOMMENDED PCB LAYOUT

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ltr	ecn no.	dr	date	linear		.XX $\pm$.01/.X $\pm$.3		COPY		www.fciconnect.com		
E						.XXX $\pm$.005/.X $\pm$.13		projection		title		
						.XXX $\pm$.0020/.XXX $\pm$.051				3ACP + 24S + 5P		
				angles		0° $\pm$ 2°				RIGHT ANGLE SOLDER HEADER		
				dr	M. GALLUPS	04-24-00		INCH/MM		product family		PwrBlade
				enr	J. BROWN	04-24-00		size		dwg no		213
				chr	J. BROWN	04-24-00		scale		A		sheet
				appd	J. BROWN	04-24-00		1:1		51694		2 of 4
sheet index	revision			sheet								

Pro/E

3

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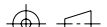
PRODUCT NUMBER
51694-00X-- NOTE: 3

ITEM NO.	QTY	DIM "M" MATING LENGTH ±.010		CONTACT TYPE	PLATING FOR MATING	PLATING FOR TAIL
PA	8	N/A	[N/A]	POWER	30u'' [.76um]Au	SnPb
R	6	0.270	[6.86]	SIGNAL	30u'' [.76um]Au	30u'' [.76um]Au
S	6	0.270	[6.86]	SIGNAL	30u'' [.76um]Au	30u'' [.76um]Au
T	6	0.270	[6.86]	SIGNAL	30u'' [.76um]Au	30u'' [.76um]Au
U	6	0.270	[6.86]	SIGNAL	30u'' [.76um]Au	30u'' [.76um]Au
HA	2	N/A	[N/A]	HOLD-DOWN	N/A [N/A]	SnPb

PRODUCT No.	ROWS		POWER				SIGNAL						POWER				
		E1	P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	E2
51694-001-- NOTE: 3	D C B A	 															 

ITEM NO.	QTY	DIM "M" MATING LENGTH ±.010		CONTACT TYPE	PLATING FOR MATING	PLATING FOR TAIL
PA	8	N/A	[N/A]	POWER	30u'' [.76um]Au	SnPb
R	5	0.270	[6.86]	SIGNAL	30u'' [.76um]Au	30u'' [.76um]Au
S	5	0.270	[6.86]	SIGNAL	30u'' [.76um]Au	30u'' [.76um]Au
T	5	0.270	[6.86]	SIGNAL	30u'' [.76um]Au	30u'' [.76um]Au
U	5	0.270	[6.86]	SIGNAL	30u'' [.76um]Au	30u'' [.76um]Au
H	1	0.220	[5.59]	SIGNAL	30u'' [.76um]Au	30u'' [.76um]Au
G	1	0.220	[5.59]	SIGNAL	30u'' [.76um]Au	30u'' [.76um]Au
E	1	0.220	[5.59]	SIGNAL	30u'' [.76um]Au	30u'' [.76um]Au
F	1	0.220	[5.59]	SIGNAL	30u'' [.76um]Au	30u'' [.76um]Au
HA	2	N/A	[N/A]	HOLD-DOWN	N/A [N/A]	SnPb

PRODUCT No.	ROWS	POWER				SIGNAL						POWER					
		E1	P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	P7	P8	E2
51694-002-- NOTE: 3	D C B A	 															 
																	

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com			
ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3		projection	COPY		title 3ACP + 24S + 5P RIGHT ANGLE SOLDER HEADER			
E			.XXX±.005/.X±.13										
			.XXXX±.0020/.XXX±.051										
				angles	0°±2°								
		dr		M. GALLUPS	04-24-00	INCH/MM 	scale	1:1	product family		PwrBlade	code	
		engr		J. BROWN	04-24-00				size	dwg no		213	
		chr		J. BROWN	04-24-00				A	51694	sheet		
		appd		J. BROWN	04-24-00						3 of 4		
sheet index	revision sheet												

cage code	22526	4
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Pro/E

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PRODUCT NUMBER

51694-00X_-
NOTE: 3

CONNECTOR- NOTES:

- HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC, FLAME RETARDENT PER UL94 V-0
SIGNAL PIN MATERIAL: COPPER ALLOY BRONZE
POWER CONTACT MATERIAL: COPPER ALLOY
- MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE
- PLATING:

51694-00X,51694-00XLF,PLATING SPEC SEE PRINT:100064183.

- PRODUCT SPECIFICATION GS-12-149 PER GS-01-001

PCB NOTES

- ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
- ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF .004
- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
- $\varnothing 0.098$ THROUGH HOLES ARE UNPLATED
- $\varnothing .0453/1.151$ DRILLED HOLES
PLATED WITH .0003/.007 MIN SnPb
OVER .001/1.03 to .003/.08 Cu PLATING TO ACHIEVE
A .040 $\pm$.003/1.02 $\pm$.08 HOLE

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mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com		
ltr	ecn no.	dr	date	linear	.XX $\pm$.01/.X $\pm$.3		COPY		projection	title		
E					.XXX $\pm$.005/.X $\pm$.13					3ACP + 24S + 5P		
				angles	.XXX $\pm$.0020/.XXX $\pm$.051					RIGHT ANGLE SOLDER HEADER		
					0 $^{\circ}$ $\pm$ 2 $^{\circ}$							
				dr	M. GALLUPS	04-24-00	INCH/MM		product family PwrBlade	code 213	sheet 4 of 4	
				enr	J. BROWN	04-24-00	scale					size A
				chr	J. BROWN	04-24-00	1:1					
				appd	J. BROWN	04-24-00						
sheet index	revision sheet											

cage code 22526

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