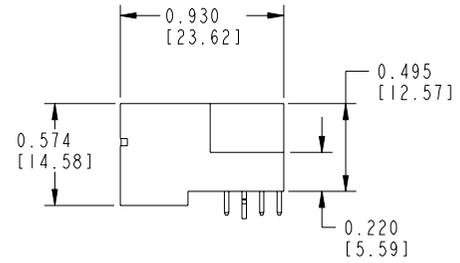
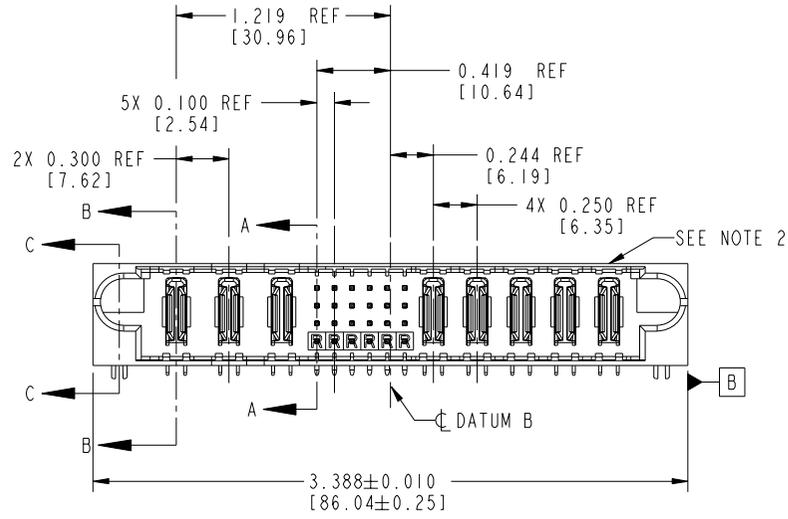


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PRODUCT NUMBER  
51694-00X\_  
SEE SHEET 3



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mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection			title		
A	V02393	JRW	10-27-00		.XXX±.005/.X±.13			3ACP + 24S + 5P RIGHT ANGLE SOLDER HEADER			
B	V20649	DAI	04-12-02		.XXX±.0020/.XXX±.051			product family		PwrBlade	code
C	DG05-0212	SJ	07/07/05	angles	0°±2°			size		51694	213
D	DG05-0415	GudJM	10/25/05	dr	M. GALLUPS 04-24-00			dwg no		51694	1 of 4
E	DG06-0011	CS	01/09/06	enr	J. BROWN 04-24-00			A			
				chr	J. BROWN 04-24-00						
				appd	J. BROWN 04-24-00						
sheet index	revision sheet	E	E	E							
		1	2	3							

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PDM: Rev:E

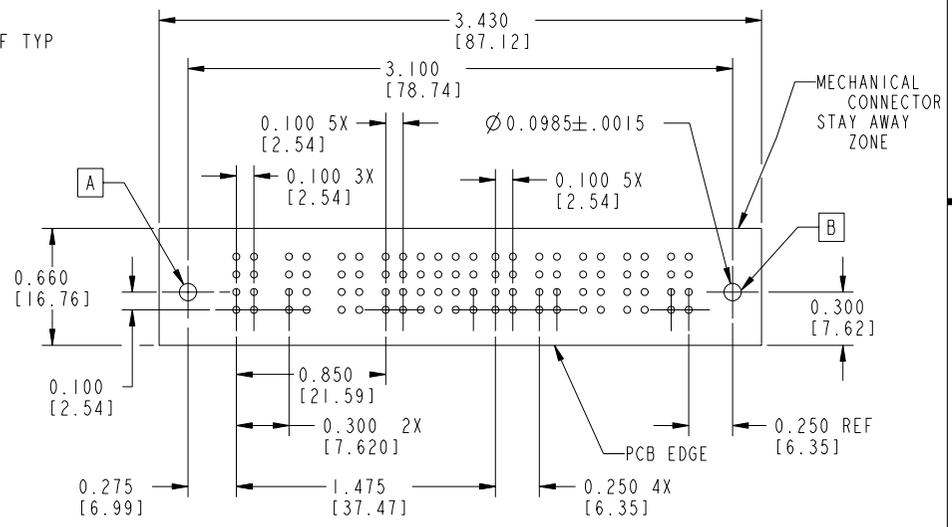
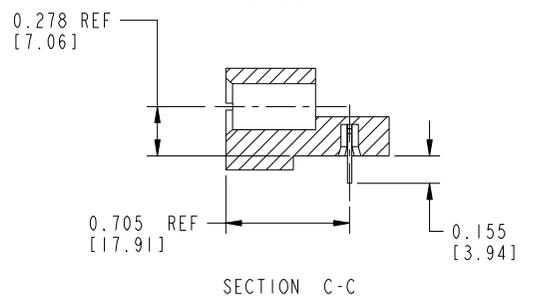
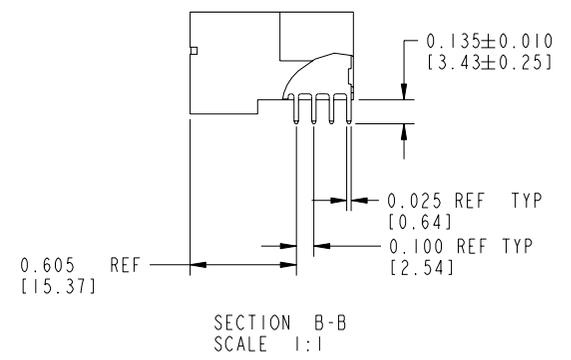
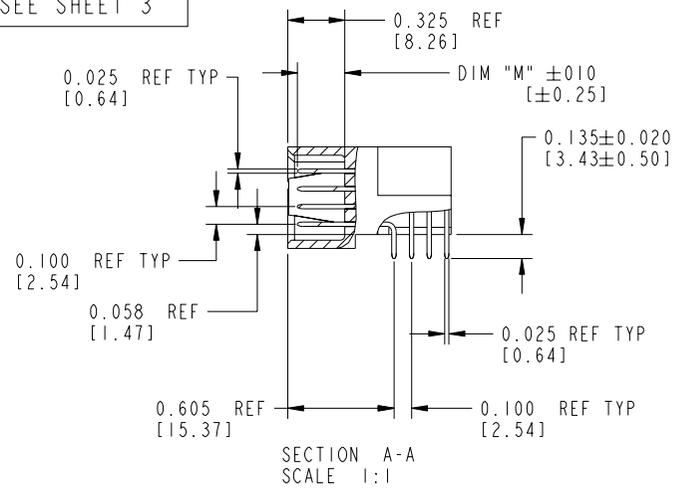
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RECOMMENDED PCB LAYOUT

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ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection	title	3ACP + 24S + 5P RIGHT ANGLE SOLDER HEADER	
E				angles	.XXX±.005/.X±.13				
				dr	.XXXX±.0020/.XXX±.051		product family	PwrBlade	code
				enr	0°±2°	INCH/MM	size	dwg no	213
				chr		scale	A	51694	sheet
				appd		1:1			2 of 4
sheet index	revision sheet								

cage code 22526 4

Pro/E

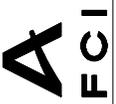
PDM: Rev:E

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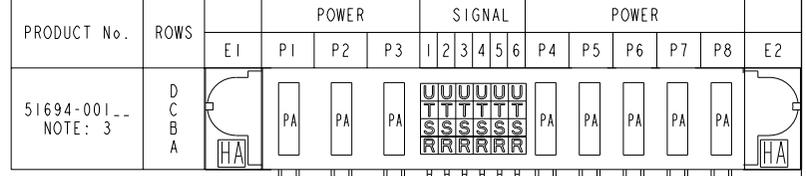
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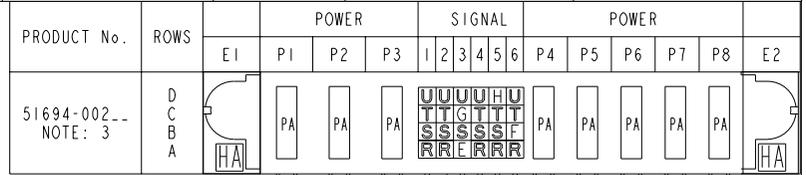


PRODUCT NUMBER  
51694-00X--  
NOTE: 3

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



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



mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER			
ltr	ecn no.	dr	date	linear				.XX±.01/.X±.3				COPY			
E															
				angles				.XXX±.005/.X±.13				projection			
				dr				M. GALLUPS 04-24-00				INCH/MM			
				chr				J. BROWN 04-24-00				product family			
sheet index				revision sheet				scale				product family			
								1:1				PwrBlade			
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												213			
												sheet			
												3 of 4			

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PRODUCT NUMBER  
51694-00X\_  
NOTE: 3

CONNECTOR- NOTES:

- HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC, FLAME RETARDANT 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
- Ø0.098 THROUGH HOLES ARE UNPLATED
- Ø.0453/1.151 DRILLED HOLES  
PLATED WITH .0003/.007 MIN SnPb  
OVER .001/1.03 to .003/.08 Cu PLATING TO ACHIEVE  
A .040±.003/1.02±.08 HOLE

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

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