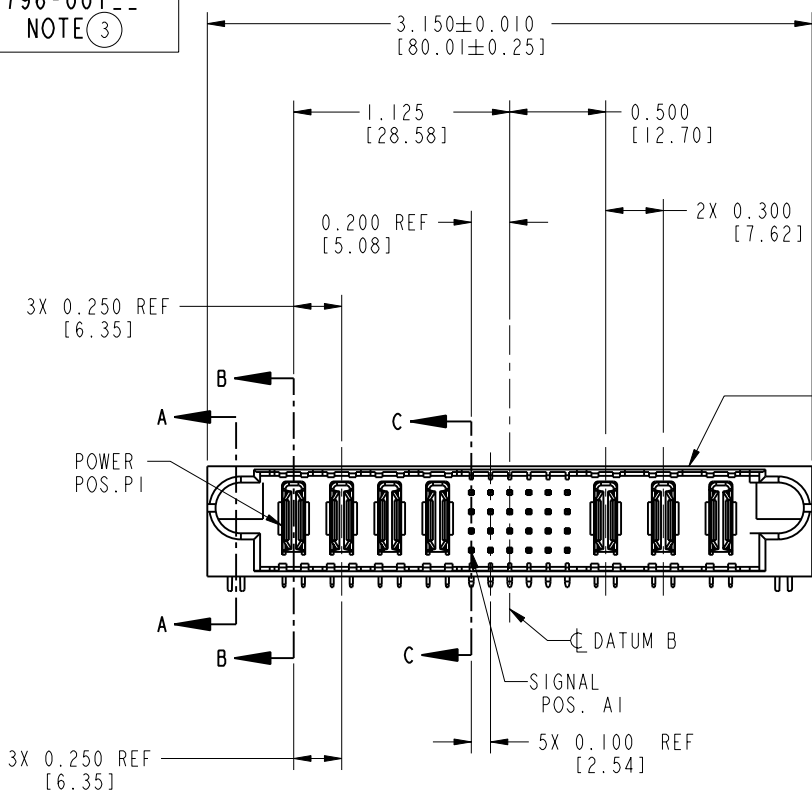


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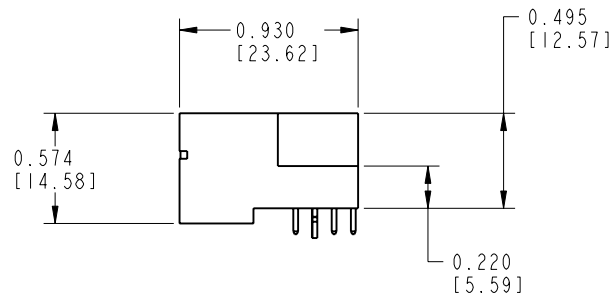
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PRODUCT NUMBER
51796-001
NOTE ③



SEE NOTE 2



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mat'l code				tolerances unless otherwise specified				CUSTOMER COPY		A FCI		www.fciconnect.com	
ltr	ecn no.	dr	date										
A	V02395	JRW	11-10-00	linear	.XX±.01/.X±.3			projection		title	4P + 24S + 3ACP		
B	V20774	DAI	04/30/02		.XXX±.005/.XX±.13					RIGHT ANGLE SOLDER HEADER			
C	V04-0882	TAB	09/01/04	angles	.XXXX±.0020/.XXX±.051					product family	PwrBlade	code	213
D	DG05-0064	SW	4/01/05	dr	E. KORFF 06-16-00			INCH / MM		size	dwg no	51796	SHEET 1 OF 3
E	DG05-0572	JMG	01/05/06	enrg	J. BROWN 06-16-00			scale	1:1	A			
				chr	J. BROWN 06-16-00								
				appd	J. BROWN 06-16-00								
sheet index	revision sheet	E	E	E									
		1	2	3									

form no. 7530-001-103

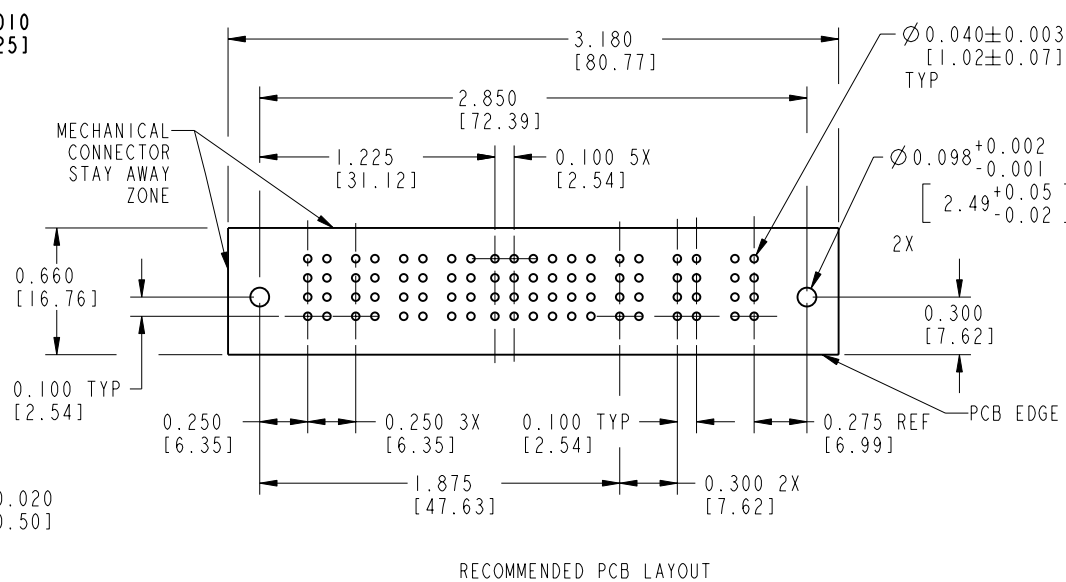
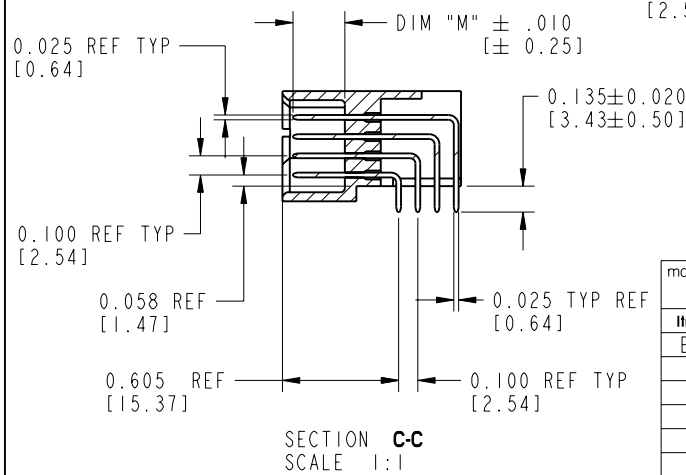
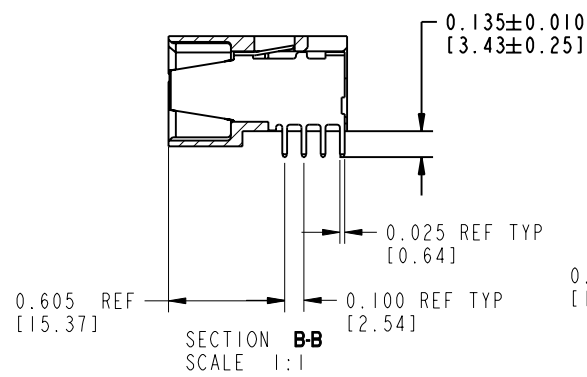
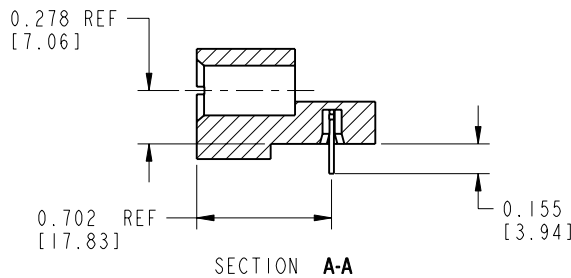
cage code 22526

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PRODUCT NUMBER
51796-001
NOTE ③



mat'l code SEE NOTE 1				tolerances unless otherwise specified		CUSTOMER COPY		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection		title 4P + 24S + 3ACP RIGHT ANGLE SOLDER HEADER	
E					.XXX±.005/.XX±.13			product family PwrBlade	
				angles	.XXXX±.0020/.XXX±.051			code 213	
				dr	E. KORFF 06-16-00	INCH / MM		size A	
				engr	J. BROWN 06-16-00	scale	1:1	dwg no 51796	
				chr	J. BROWN 06-16-00			SHEET 2	
				appd	J. BROWN 06-16-00				
sheet index	revision sheet							cage code 22526	

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A

A

FCI

B

PRODUCT NUMBER										CODE		DIM "M" MATING LENGTH		CONTACT TYPE	
51796-001---										PA		N/A [N/A]		POWER	
NOTE ③										R		0.270 [6.86]		SIGNAL	
										S		0.270 [6.86]		SIGNAL	
										T		0.270 [6.86]		SIGNAL	
										U		0.270 [6.86]		SIGNAL	
										E		0.220 [5.59]		SIGNAL	
										HA		N/A [N/A]		HOLD-DOWN	

PRODUCT No.	ROWS	E1	POWER				SIGNAL						POWER			E2
			P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	
51796-001---	D C B A		PA	PA	PA	PA	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	PA	PA	PA	

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. 51796-001;51796-001LF;51796-001GLF 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.

PCB NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

8. $\varnothing .0453 \pm 0.0010$ [1.151 ± 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.

mat'l code SEE NOTE 1				tolerances unless otherwise specified		CUSTOMER COPY		A FCI www.fciconnect.com	
lfr	ecn no.	dr	date	linear	angles	projection	INCH / MM	product family	code
D				.XX $\pm$.01/.X $\pm$.3	0° $\pm$ 2°		1:1	4P + 24S + 3ACP	213
				.XXX $\pm$.005/.XX $\pm$.13				RIGHT ANGLE SOLDER HEADER	
				.XXXX $\pm$.0020/.XXX $\pm$.051				product family	code
				dr E. KORFF 06-16-00				PwrBlade	213
				engr J. BROWN 06-16-00				size	
				chr J. BROWN 06-16-00				dwg no	
				appd J. BROWN 06-16-00				51796	SHEET 3
sheet index	revision sheet								

form no. 7530-001-103										3		4	
										cage code		22526	

Mouser Electronics

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[51796-001LF](#)