

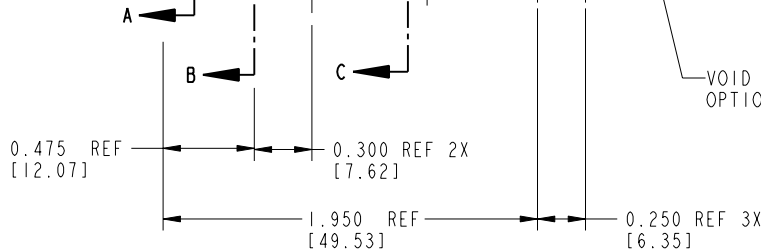
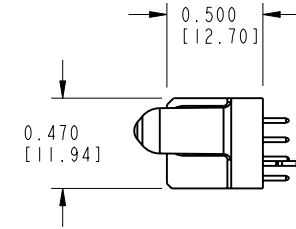
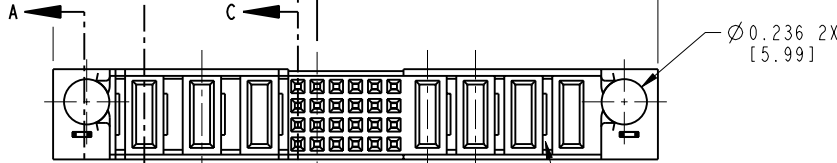
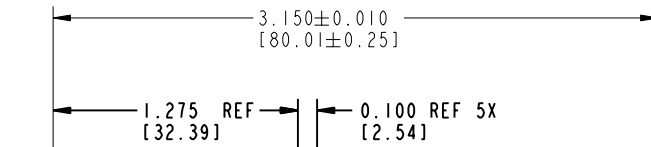
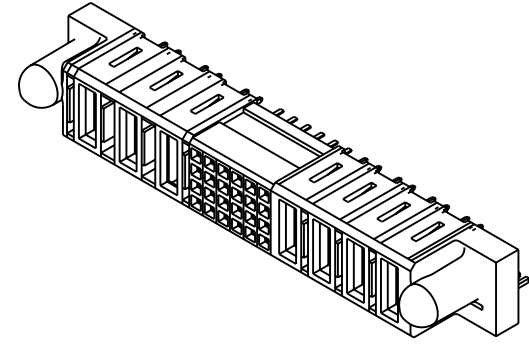
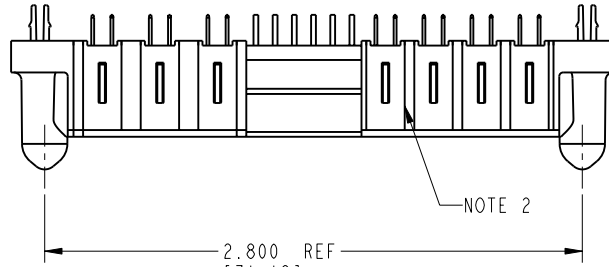
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PRODUCT NUMBER

51797-001--  
NOTE: ③



mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		www.fciconnect.com		
A	V02395	JRW	10-13-00		.XXX±.005/0.XX±0.13		projection		title 4P + 24S + 3ACP		
B	DG05-0192	SJ	06/27/05		.XXXX±.0020/.XXX±.051		INCH/MM		VERTICAL SOLDER TAIL RECEPTACLE		
C	DG06-0244	JMG	06/22/06	angles	0°±2°		scale		product family PwrBlade code 213		
				dr	E. KORFF	06-23-00	1:1		size dwg no		sheet 1 of 3
				engr	J. BROWN	06-23-00			A 51797		
				chr	J. BROWN	06-23-00					
				appd	J. BROWN	06-23-00					
sheet index	revision sheet	C	C	C							
		1	2	3							

cage code 22526

Pro/E

PDM: Rev:C

STATUS: Released

Printed: Dec 20, 2010

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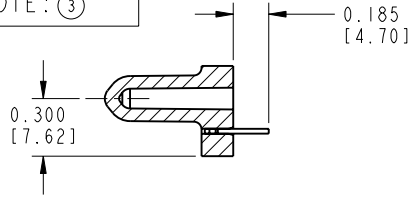


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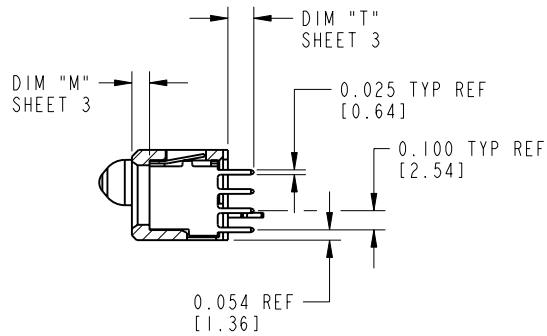
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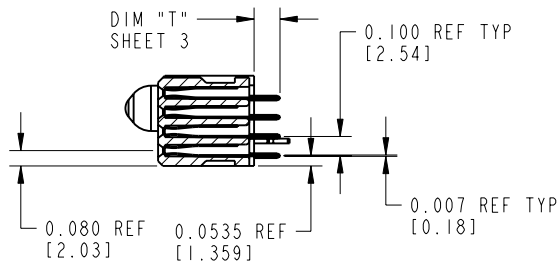
NOTE: ③



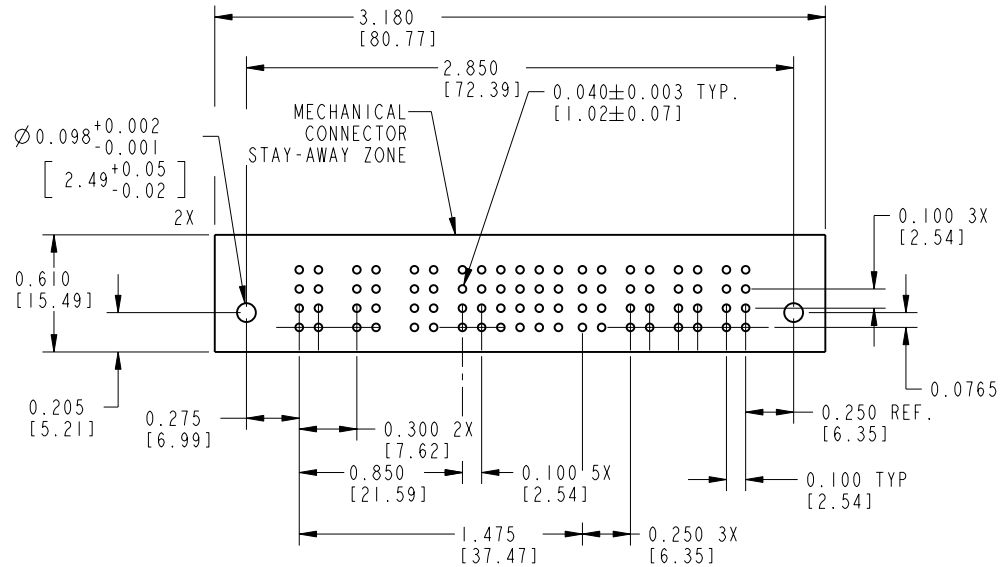
SECTION A-A



SECTION B-B



SECTION C-C



RECOMMENDED PCB LAYOUT

mat'l code		NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY	www.fciconnect.com	
c				angles	.XXX±.005/0.XX±0.13	INCH/MM		title 4P + 24S + 3ACP	
				dr	.XXX±.0020/.XXX±.051	scale		VERTICAL SOLDER TAIL RECEPTACLE	
				engr	0°±2°	1:1		product family PwrBlade code 213	
				chr				size dwg no 51797 sheet 2	
				appd					
sheet index	revision sheet								

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NOTE: ③

ITEM NO.	QTY	DIM "M" MATING LENGTH ±.010	DIM "T" TAIL LENGTH ±.010	CONTACT TYPE	PLATING FOR MATING	PLATING FOR TAIL
PD	6	0.092 [2.34]	0.135 [3.43]	POWER	30 u'' [.76um] Au	SnPb
PA	1	0.042 [1.07]	0.135 [3.43]	POWER	30 u'' [.76um] Au	SnPb
HA	2	N/A [N/A]	N/A [N/A]	HOLD-DOWN	N/A [N/A]	SnPb
E	24	N/A [N/A]	0.135 [3.43]	SIGNAL	30 u'' [.76um] Au	Sn

PRODUCT No.	ROWS	POWER				SIGNAL				POWER				E1			
		E2	P7	P6	P5	6	5	4	3	2	1	P4	P3		P2	P1	
51797 - 001-- NOTE: ③	D C B A		HA	PD	PD	PA	E	E	E	E	E	E	PD	PD	PD	PD	HA

CONNECTORS - NOTES:

- HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC  
SIGNAL CONTACT MATERIAL: COPPER ALLOY  
POWER CONTACT MATERIAL: COPPER ALLOY
- "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE
- 51797-001;51797-001LF;51797-001GLF PLATING SPEC. SEE PRINT:10064183
- PRODUCT SPECIFICATION GS-12-149

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
- Ø 0.098 THROUGH HOLES ARE UNPLATED
- Ø .0453/1.151 DRILLED HOLES  
PLATED WITH .0003/.007 MIN SnPb  
OVER .001/.03 to .003/.08 Cu PLATING TO ACHIEVE  
A .040±.003/1.02±.08 HOLE

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c				angles	.XXX±.005/0.XX±0.13		title		4P + 24S + 3ACP		
				dr	.XXX±.0020/.XXX±.051		VERTICAL SOLDER TAIL RECEPTACLE		product family		
				engr	0°±2°	INCH/MM	PwrBlade		code		
				chr	E. KORFF 06-23-00	scale	size		213		
				appd	J. BROWN 06-23-00	1:1	dwg no		sheet		
					J. BROWN 06-23-00		A		3		
sheet index	revision sheet										

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