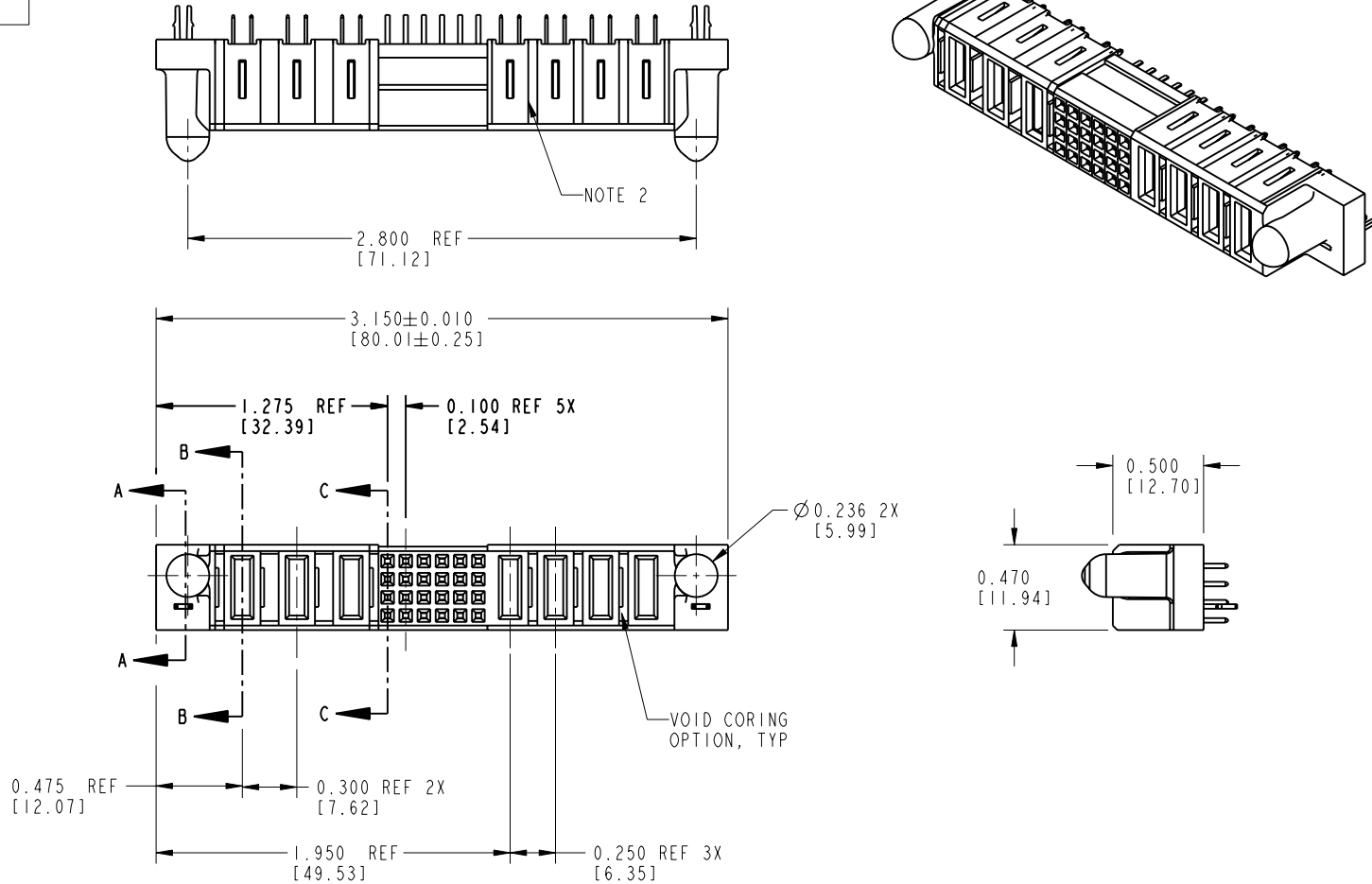


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PRODUCT NUMBER
51797-001--
NOTE: ③



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

Pro/E

cage code 22526

PDM: Rev:C

STATUS: Released

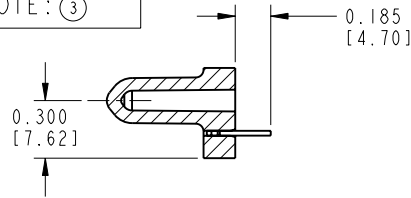
Printed: Dec 20, 2010



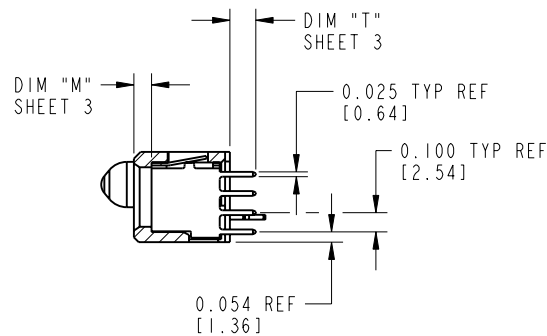
PRODUCT NUMBER

51797-001--

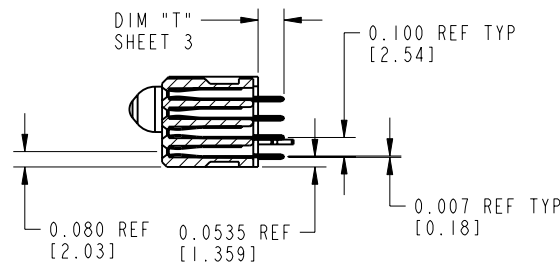
NOTE: ③



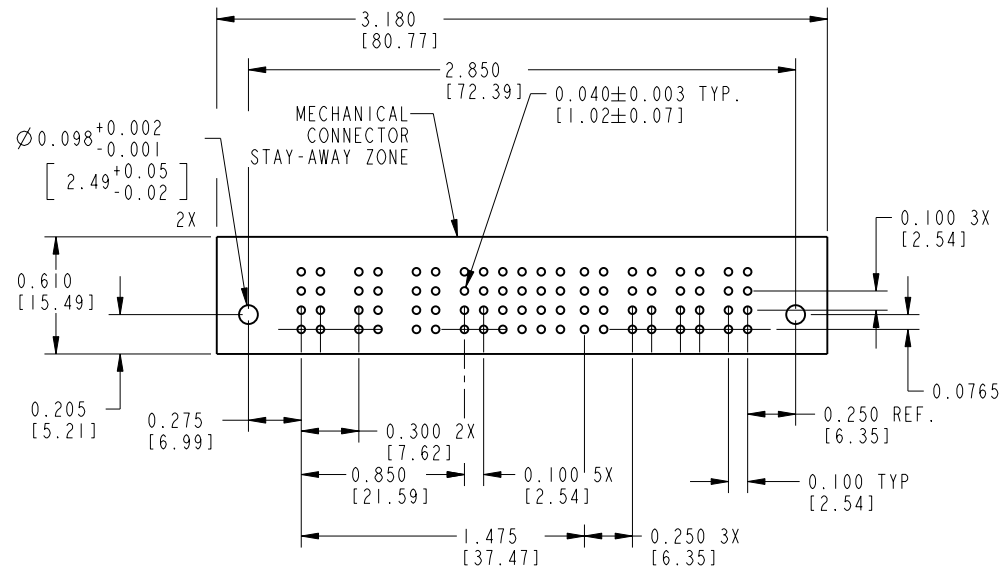
SECTION A-A



SECTION B-B



SECTION C-C



RECOMMENDED PCB LAYOUT

mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecr no.	dr	date					COPY			www.fciconnect.com
c						linear	.XX±.01/0.X±0.3	projection		title	4P + 24S + 3ACP
							.XXX±.005/0.XX±0.13				VERTICAL SOLDER TAIL RECEPTACLE
						angles	.XXX±.0020/.XXX±.051			product family	PwrBlade
						dr	E. KORFF 06-23-00	INCH/MM		size	213
						engr	J. BROWN 06-23-00	scale		dwg no	2
						chr	J. BROWN 06-23-00			A	51797
						appd	J. BROWN 06-23-00				
sheet index	revision sheet										

Pro/E

3

cage code 22526

4



PRODUCT NUMBER		ITEM NO.		QTY		DIM "M" MATING LENGTH ±.010		DIM "T" TAIL LENGTH ±.010		CONTACT TYPE	PLATING FOR MATING	PLATING FOR TAIL
51797-001--		NOTE: ③										
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				
		E2	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	E1
51797 - 001-- NOTE: ③	D C B A	HA	PD	PD	PA	E	E	E	E	E	E	PD	PD	PD	PD	HA
	E					E	E	E	E	E						
	E					E	E	E	E	E						
	E					E	E	E	E	E						

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.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

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

Pro/E

3

cage code 22526

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