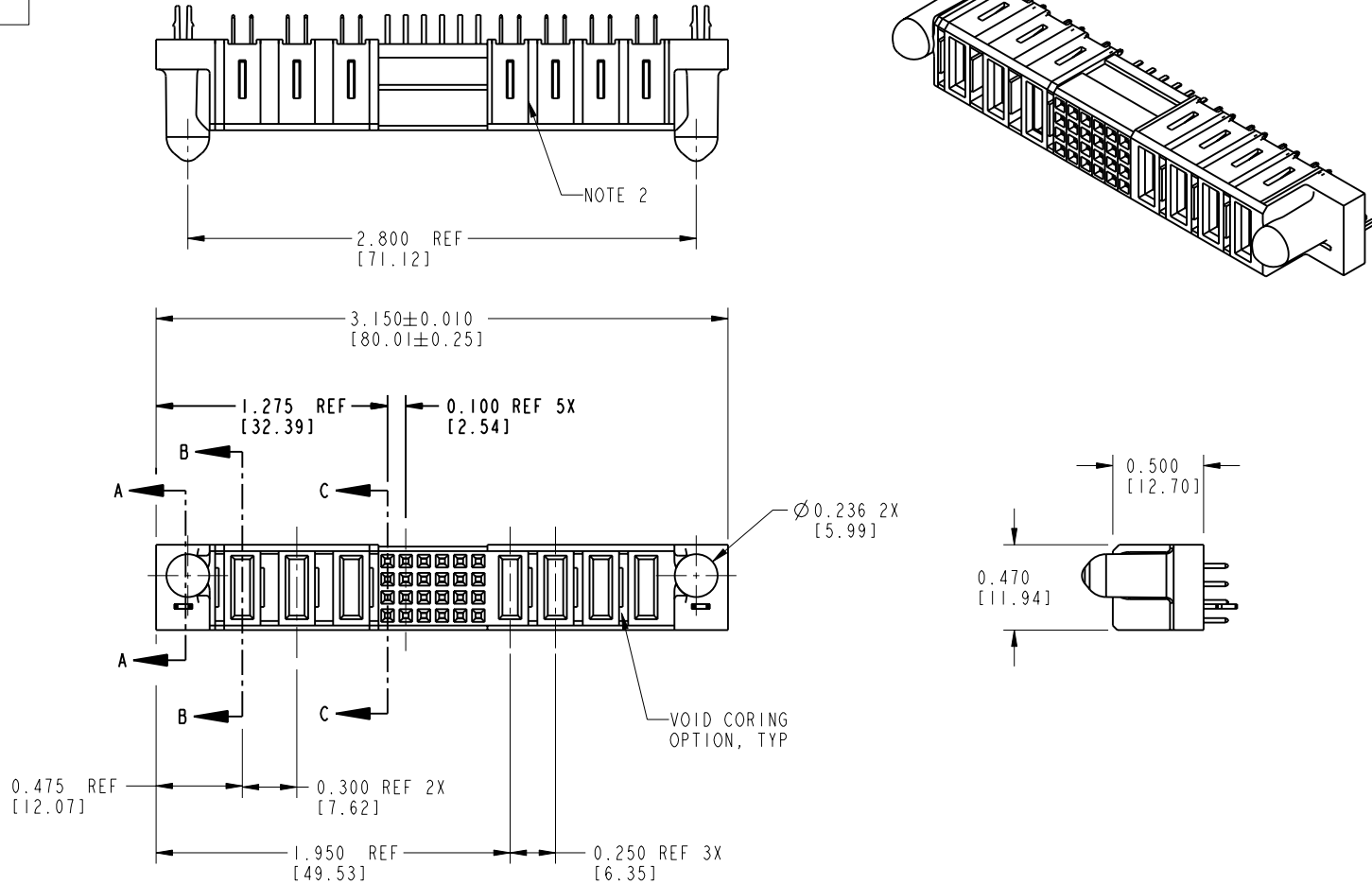


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PRODUCT NUMBER
51797-001--
NOTE: ③



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

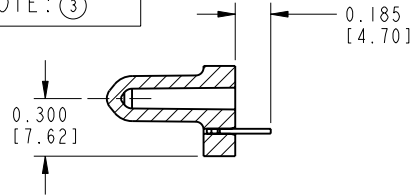
Printed: Dec 20, 2010



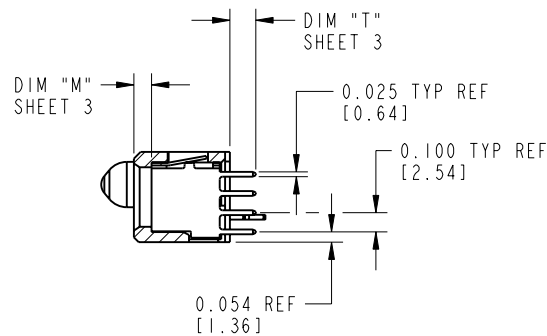
PRODUCT NUMBER

51797-001--

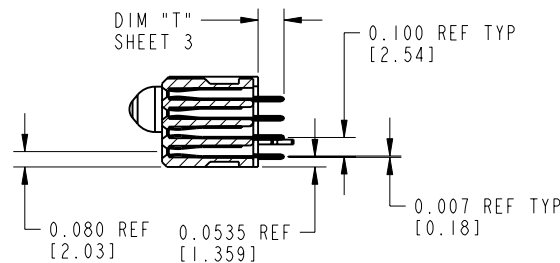
NOTE: ③



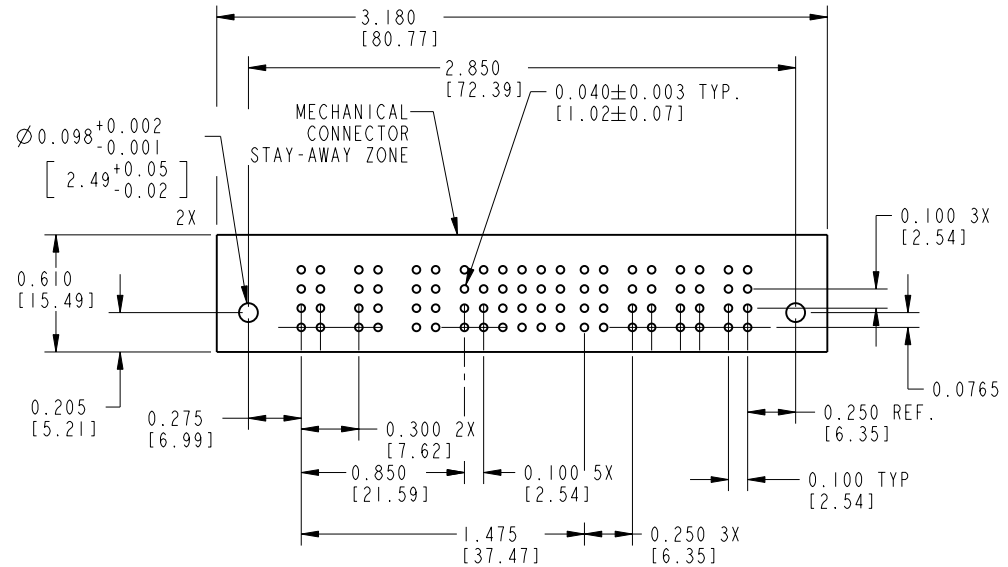
SECTION A-A



SECTION B-B



SECTION C-C



RECOMMENDED PCB LAYOUT

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

Pro/E

3

cage code 22526

4



1 | 2

3 |

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					COPY	projection	www.fciconnect.com			
										title			
C						linear	.XX±.01/0.X±0.3			4P + 24S + 3ACP			
							.XXX±.005/0.XX±0.13			VERTICAL SOLDER TAIL RECEPTACLE			
						angles	.XXX±.0020/.XXX±.051			product family			
							0°±2°			PwrBlade			
						dr	E. KORFF 06-23-00			code			
						engr	J. BROWN 06-23-00			size			
						chr	J. BROWN 06-23-00			dwg no			
						appd	J. BROWN 06-23-00			A			
sheet index		revision sheet								51797			
										213			
										sheet 3			

1 | 2

Pro/E

3 |

cage code 22526

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