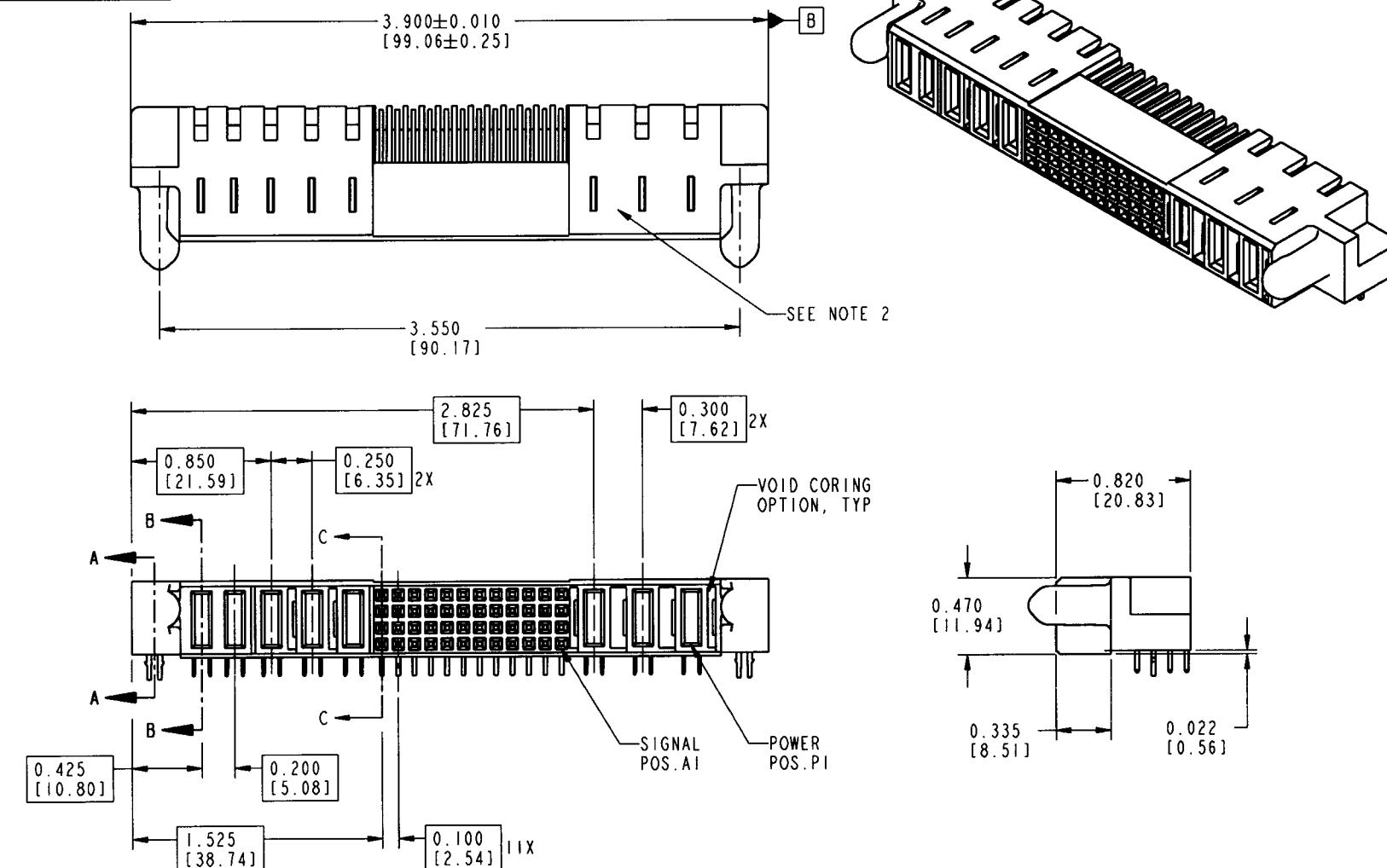




PRODUCT NUMBER
51785-001



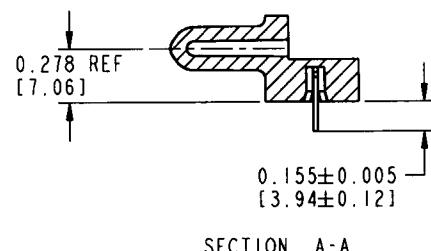
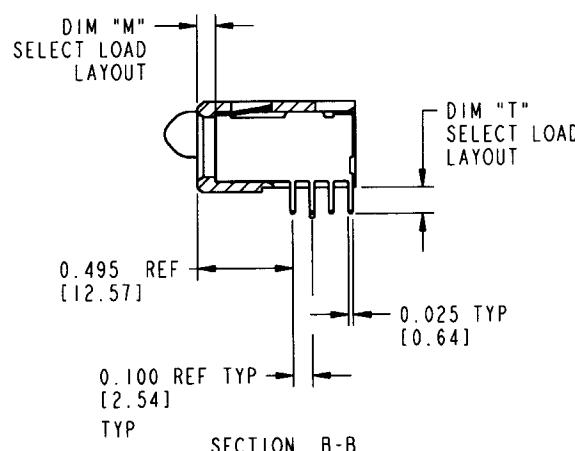
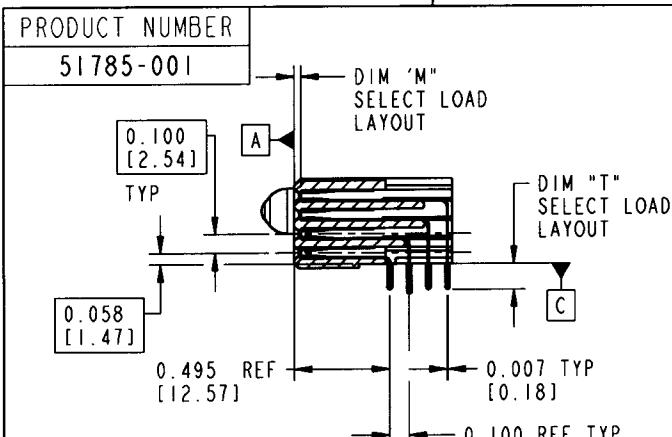
mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER COPY projection	ELECTRONICS	
ltr	ecn no.	dr	date			xx±.01/0.x±.03	linear		title	www.fciconnect.com
A	V02393	JRW	10-27-00			XXX±.005/0.XX±.013			3ACP + 48S + 5P	
						XXXX±.0020/0.XXX±.051			RIGHT ANGLE RECEPTACLE	
							angles 0°±2°			
							dr C. BAROT 05-07-00			
							engr J. BROWN 05-07-00			
							chr J. BROWN 05-07-00			
							oppd J. BROWN 05-07-00			
								scale		
								1:1		
sheet index		revision	A	A	A					
sheet			1	2	3					

Pro/E

PDM: Rev:A

STATUS Released

Printed: Oct 07, 2006



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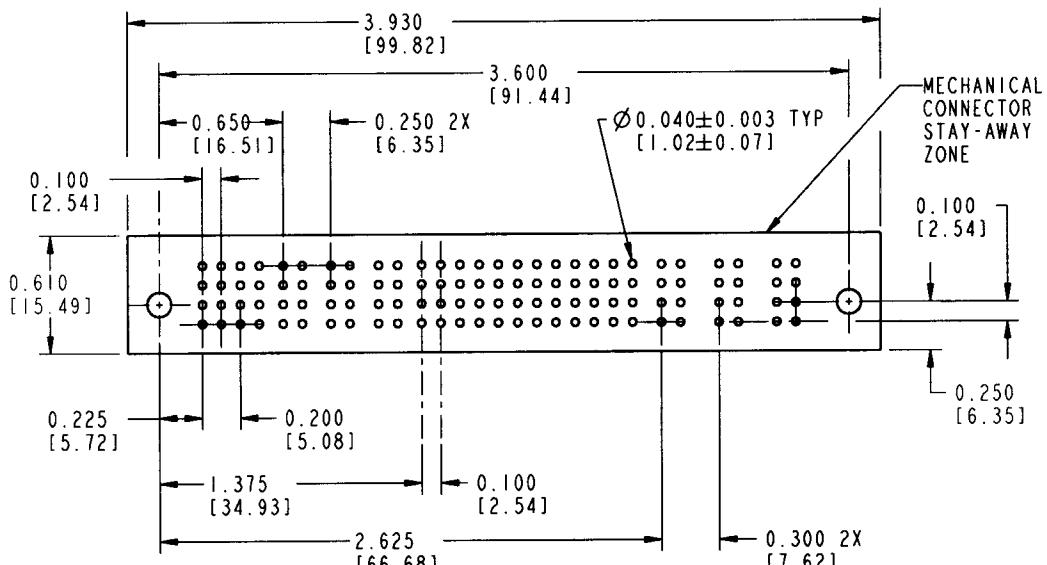
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CONNECTORS - NOTES:

1. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC
2. SIGNAL PIN MATERIAL: PHOS. BRONZE
3. POWER CONTACT MATERIAL: COPPER ALLOY
4. "MANUFACTURER'S" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE
5. PRODUCT SPECIFICATION GS-12-149 PER GS-01-001.

PCB - NOTES

4. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
5. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF .004
6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
7. Ø 0.098 THROUGH HOLES ARE UNPLATED
8. Ø .0453/1.151 DRILLED HOLES PLATED WITH .0003/.007 MIN SnPb OVER .001/1.03 to .003/.08 PLATING TO ACHIEVE A $.080 \pm .003$ /1.02±.08 HOLE



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER COPY projection	ELECTRONICS	
ltr	ecn no.	dr	date	linear	angles		title	www.fciconnect.com
A				.XX±.01/.X±.03			3ACP + 48S + 5P	
				.XXX±.005/.XXX±.013			RIGHT ANGLE RECEPTACLE	
				.XXXX±.0020/.XXX±.051				
					0°±2°			
				dr	C. BAROT 05-07-00	INCH/MM	product family	PWRBLADE
				engr	J. BROWN 05-07-00		size	code
				chr	J. BROWN 05-07-00		dwg no	213
				oppd	J. BROWN 05-07-00	scale		
						1:1		
				sheet				
				index				
				revision				
				sheet				

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PRODUCT NUMBER	
51785-001	

ITEM NO.	QTY	DIM "M" MATING LENGTH ±.010		DIM "T" TAIL LENGTH ±.010		CONTACT TYPE	PLATING FOR MATING	PLATING FOR TAIL
		N/A	[N/A]	0.135	[3.43]			
E	12	N/A	[N/A]	0.135	[3.43]	SIGNAL	30 u'' [.76um]Au	SnPb
F	12	N/A	[N/A]	0.135	[3.43]	SIGNAL	30 u'' [.76um]Au	SnPb
G	12	N/A	[N/A]	0.135	[3.43]	SIGNAL	30 u'' [.76um]Au	SnPb
H	12	N/A	[N/A]	0.135	[3.43]	SIGNAL	30 u'' [.76um]Au	SnPb
PC	7	0.092	[2.34]	0.135	[3.90]	POWER	30 u'' [.76um]Au	SnPb
PA	1	0.042	[1.07]	0.135	[3.90]	POWER	30 u'' [.76um]Au	SnPb
HA	2	N/A	[N/A]	N/A	[N/A]	HOLD-DOWN	N/A [N/A]	SnPb

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PRODUCT No.	ROWS	POWER						SIGNAL						POWER						EI		
		E2	P8	P7	P6	P5	P4	I2	I1	I0	9	8	7	6	5	4	3	2	I	P3	P2	P1
51785-001	D C B A							H	H	H	H	H	H	H	H	H	H	H	PA	PC	PC	HA

A

mat'l code				tolerances unless otherwise specified				CUSTOMER COPY projection	ELECTRONICS FCI www.fciconnect.com				
lhr	ecn no.	dr	date	linear	.XX±.01/0	.X±0.3			title	3ACP + 48S + 5P RIGHT ANGLE RECEPTACLE			
A					.XXX±.005/0	.XX±0.13		product family	PWRBLADE			code	
					.XXX±.0020/0	.XXX±.05/0		size				213	
				angles	0°±2°			dwg no				sheet	
				dr	C. BAROT			50-07-00				3	
				engr	J. BROWN			05-07-00					
				chr	J. BROWN			05-07-00					
				oppd	J. BROWN			05-07-00					
sheet	revision								scale	51785			
index	sheet								I:1				

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Pro/E

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cage code

22526

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PDM: Rev:A

STATUS: Released

Printed: Oct 07, 2006

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