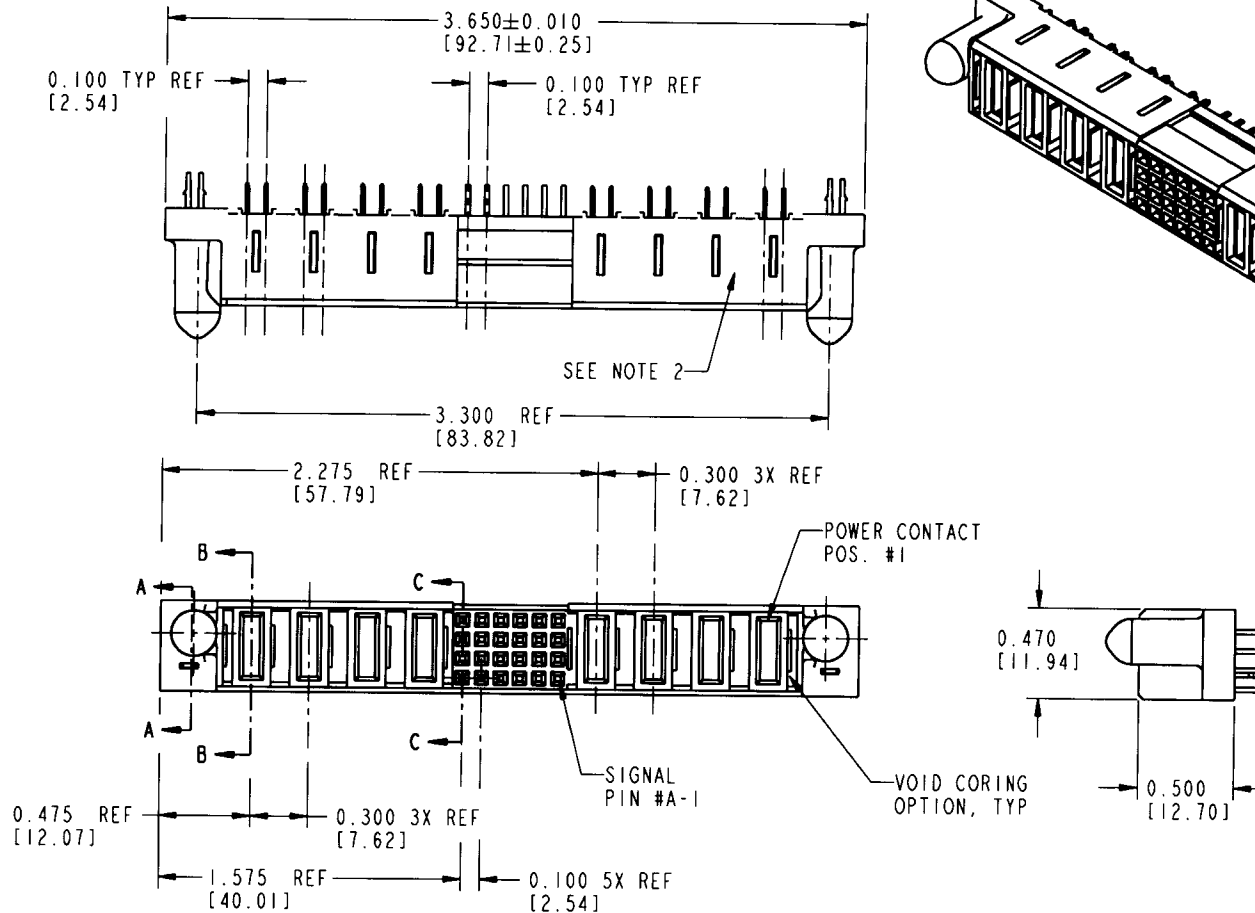


Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.



PRODUCT NUMBER
51680-001



mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI ELECTRONICS	
ltr	ecn no.	dr	date	linear	angles	linear	angles	COPY	projection	title	www.fciconnect.com
A	V02392	JRW	10-09-00			.XX $\pm$.01/0.X $\pm$ 0.3				4ACP + 24S + 4ACP	
						.XXX $\pm$.005/0.XX $\pm$ 0.13				VERTICAL SOLDER TAIL RECEPTACLE	
						.XXX $\pm$.0020/.XXX $\pm$.051					
						0 $\pm$ 2°					
				dr		S. ROYER	12/20/99			product family	PWRBLADE
				enrg		J. BROWN	12/20/99			size	dwg no
				chr		J. BROWN	12/20/99			A	51680
				appd		J. BROWN	12/20/99				
sheet index	revision sheet	A	A	A	A						
		1	2	3							

Pro/E

3

cage code

22526

4

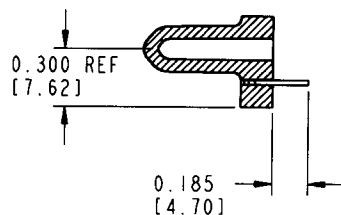
PDM: Rev:A

STATUS: Released

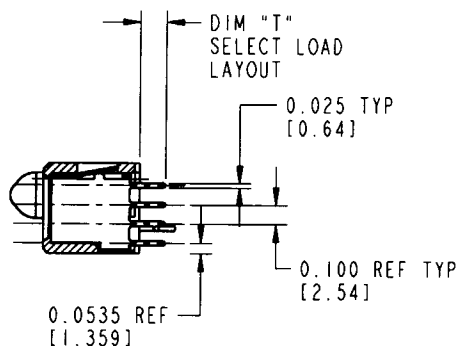
Printed: Dec 20, 2010

PRODUCT NUMBER

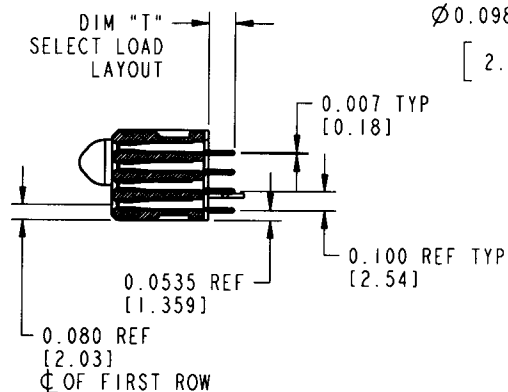
51680-001



SECTION A-A



SECTION B-B



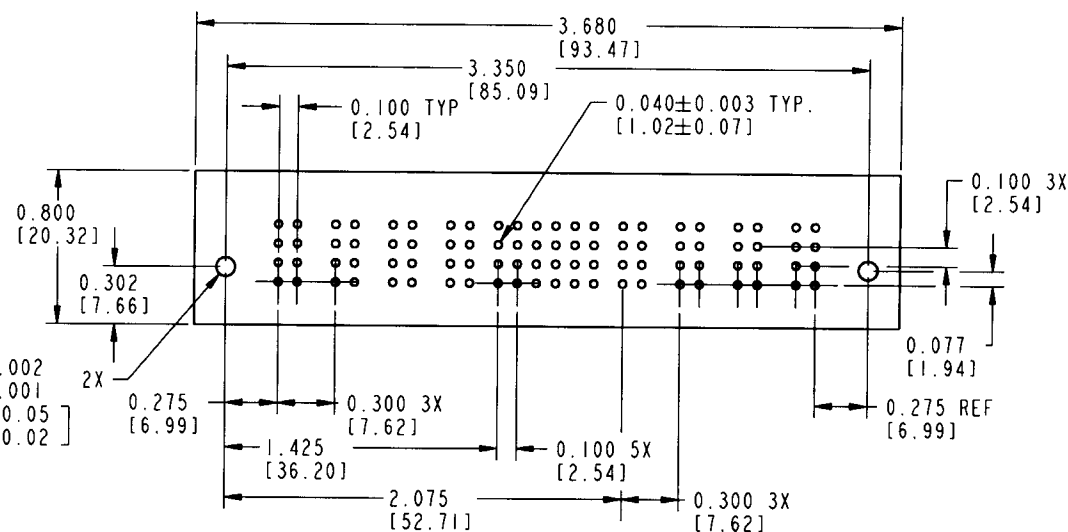
SECTION C-C

CONNECTORS - NOTES:

- ① HOUSING MATERIAL: GLASS FILLED HIGH TEMP.THERMOPLASTIC
FLAME RETARDANT PER UL94 V-0
SIGNAL PIN MATERIAL: COPPER ALLOY
POWER CONTACT MATERIAL: COPPER ALLOY
- ② MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE

PCB - NOTES:

3. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
4. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF .004
5. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
6. $\varnothing 0.098$ [2.49] THROUGH HOLES ARE UNPLATED
7. $\varnothing .0453/1.151$ DRILLED HOLES PLATED WITH .0003/.007 MIN SnPb OVER .0017/.03 to .003/.08 Cu PLATING TO ACHIEVE A $.080 \pm .003/1.02 \pm .08$ HOLE



RECOMMENDED PCB LAYOUT

[illegible]

Pro/E

3

cage code

22526

4

PDM: Rev:A

STATUS: **Released**

Printed: Dec 20, 2010



PRODUCT NUMBER		ITEM NO.	QTY	DIM "M"	DIM "T"	CONTACT TYPE	PLATING FOR MATING	PLATING FOR TAIL
51680-001				MATING LENGTH ±.010 [0.25]	TAIL LENGTH ±.010 [0.25]			
		PA	8	0.042 [1.07]	0.135 [3.43]	POWER	30 u'' [.76um] Au	SnPb
		E	24	N/A [N/A]	0.135 [3.43]	SIGNAL	30 u'' [.76um] Au	SnPb
		HA	2	N/A [N/A]	N/A [N/A]	HOLD-DOWN	N/A [N/A]	SnPb

PRODUCT No.	ROWS	POWER					SIGNAL					POWER				
		E2	P8	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1
51680 - 001	D						E	E	E	E	E	E				
	C						E	E	E	E	E	E				
	B						E	E	E	E	E	E				
	A	HA	PA	PA	PA	PA	E	E	E	E	E	E	PA	PA	PA	PA

mat'l code				tolerances unless otherwise specified				CUSTOMER		ELECTRONICS www.fciconnect.com	
ltr	ecn no.	dr	date	linear	XX±.01/0.X±0.3	projection	COPY				
A				linear	.XXX±.005/0.XX±0.13		title 4ACP + 24S + 4ACP VERTICAL SOLDER TAIL RECEPTACLE				
				linear	.XXX±.0020/.XXX±.051						
				angles	0°±2°		product family PWRBLADE code 213 size A 51680 sheet 3				
				dr	S. ROYER 12/20/99						
				engr	J. BROWN 12/20/99						
				chr	J. BROWN 12/20/99						
				appd	J. BROWN 12/20/99	scale	1:1				
sheet index	revision sheet										

cage code 22526

Pro/E

PDM: Rev:A

STATUS: Released

Printed: Dec 20, 2010