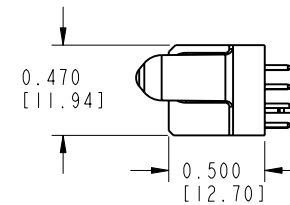
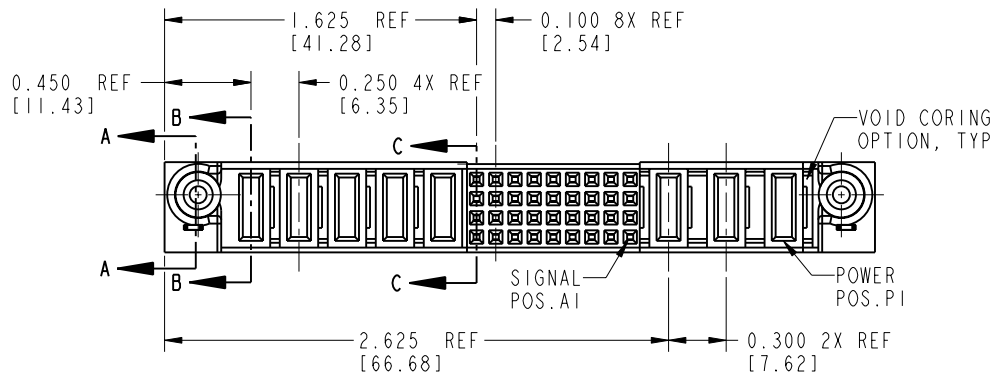
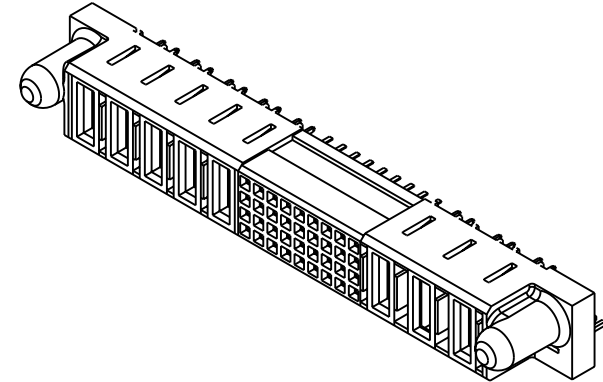
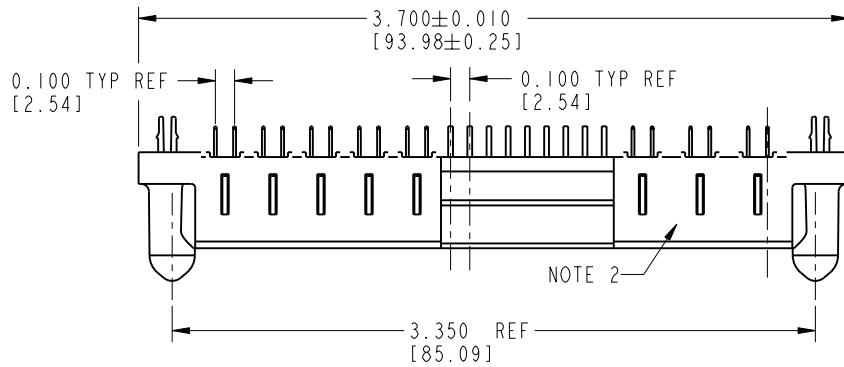


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PRODUCT NUMBER
51673-001--
NOTE: 3



mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		projection		COPY	title 3ACP + 36S + 5P VERTICAL SOLDER RECEPTACLE	
A	V02392	JRW	10-09-00		.XXX±.005/0.XX±0.13						
B	DG05-0375	GuoJM	10/07/05		.XXXX±.0020/.XXX±.051						
				angles	0°±2°			INCH/MM	scale 1:1	product family PWRBLADE	code 213
				dr	C. BAROT	12-09-99					
				engr	J. BROWN	12-09-99					
				chr	J. BROWN	12-09-99	A	51673	sheet 1 of 3		
				appd	J. BROWN	12-09-99					
sheet index	revision sheet	B 1	B 2	B 3							

Pro/E

3

cage code 22526

4

PDM: Rev:B

STATUS: Released

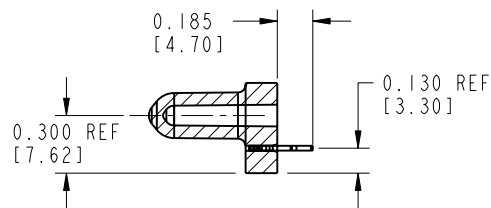
Printed: Dec 20, 2010

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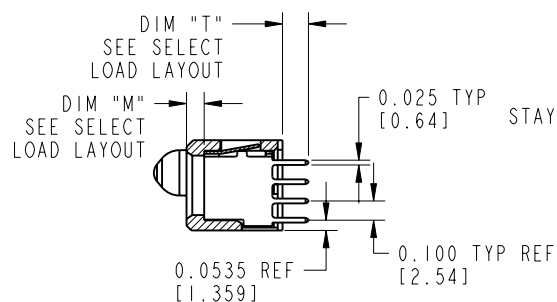
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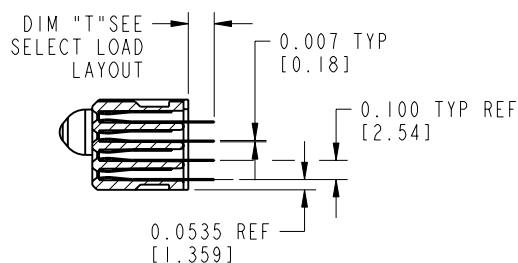
PRODUCT NUMBER
51673-001--
NOTE: 3



SECTION A-A

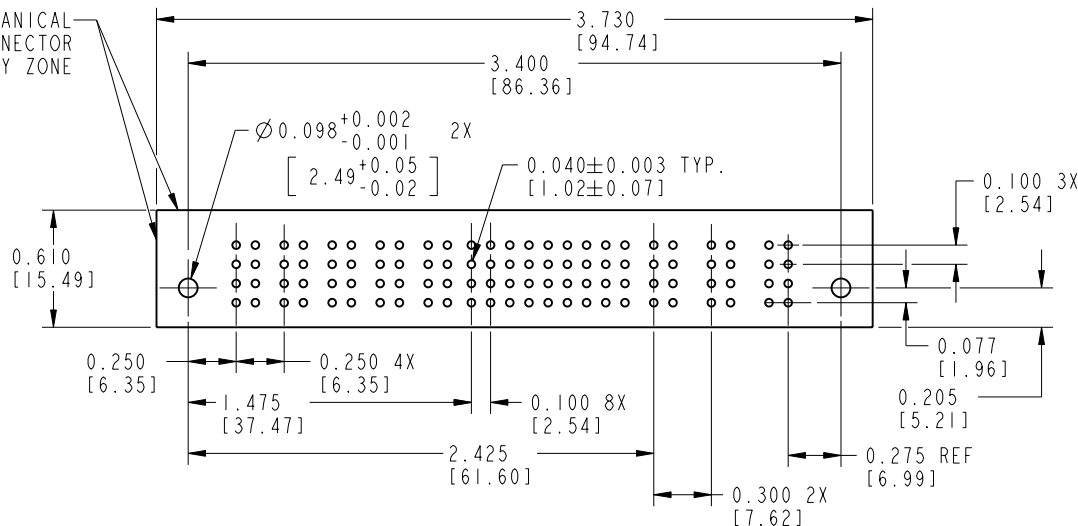


SECTION B-B



SECTION C-C

MECHANICAL CONNECTOR STAY-AWAY ZONE



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
lfr	ecn no.	dr	date	linear	angular	COPY	projection	title	www.fciconnect.com
B				.XX±.01/0.X±0.3	.XXX±.005/0.XX±0.13			3ACP + 36S + 5P	
				.XXX±.0020/.XXX±.051	0°±2°			VERTICAL SOLDER RECEPTACLE	
				dr	C. BAROT 12-09-99	INCH/MM		product family	PWRBLADE
				engr	J. BROWN 12-09-99	scale		size	dwg no
				chr	J. BROWN 12-09-99	1:1		A	51673
				appd	J. BROWN 12-09-99				
sheet index	revision sheet								

cage code 22526

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PDM: Rev:B

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Printed: Dec 20, 2010

PRODUCT No.	ROWS	POWER						SIGNAL						POWER			ITEM NO.	QTY	DIM "M" MATING LENGTH ±.010 [0.25]	DIM "T" TAIL LENGTH ±.010 [0.25]	CONTACT TYPE	PLATING FOR MATING	PLATING FOR TAIL
		E2	P8	P7	P6	P5	P4	9	8	7	6	5	4	3	2	1	P3	P2	P1				
51673-001-- NOTE: 3	D C B A																	36	N/A [N/A]	0.135 [3.43]	SIGNAL	30 u'' [.76um] Au	SnPb

CONNECTORS - NOTES:

- HOUSING MATERIAL: GLASS FILLED HIGH TEMP.THERMOPLASTIC FLAME RETARDANT PER UL94 V-0.
SIGNAL PIN MATERIAL: COPPER ALLOY
POWER CONTACT MATERIAL: COPPER ALLOY

- "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE

- PLATING:
51673-001 Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

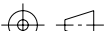
51673-001LF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51673-001LF MEETS EUROPEAN UNION DIRECTIVE AND JOTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

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
- Ø0.098 THROUGH HOLES ARE UNPLATED
- Ø.0453/1.151 DRILLED HOLES PLATED WITH .0003/.007 MIN SnPb OVER .001/1.03 to .003/.08 Cu PLATING TO ACHIEVE A .080±.003/1.02±.08 HOLE

mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com				
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY			title 3ACP + 36S + 5P VERTICAL SOLDER RECEPTACLE		
B					.XXX±.005/0.XX±0.13							
					.XXX±.0020/.XXX±.051							
				angles	0°±2°		scale 1:1			product family		code
				dr	C. BAROT	12-09-99				PWRBLADE		213
				engr	J. BROWN	12-09-99				size		sheet
				chr	J. BROWN	12-09-99				dwg no		3
				appd	J. BROWN	12-09-99			A	51673		
sheet index	revision	sheet										

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