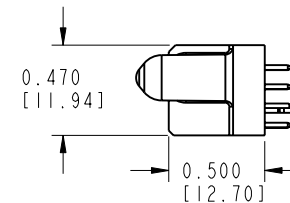
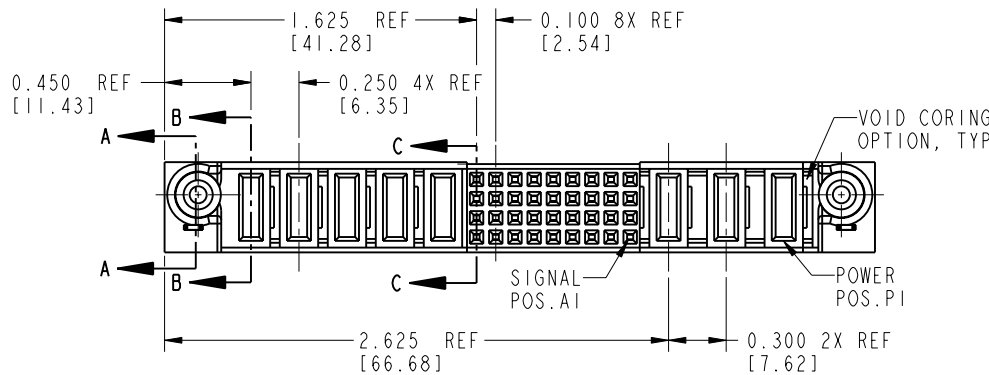
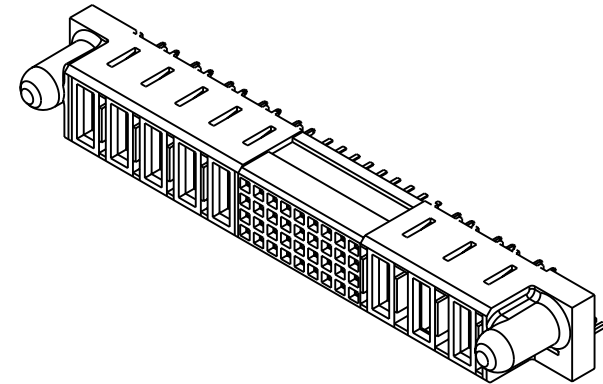
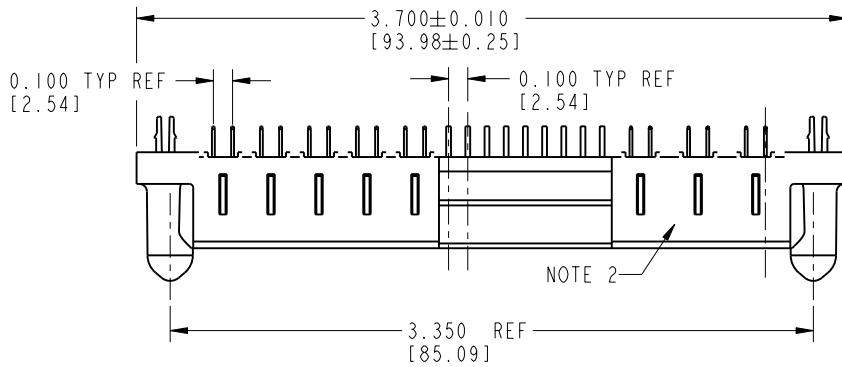


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FCI

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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					COPY		title	
A	V02392	JRW	10-09-00	linear		.XX $\pm$.01/0.X $\pm$ 0.3		projection		3ACP + 36S + 5P	
B	DG05-0375	GuoJM	10/07/05	angles		.XXX $\pm$.005/0.XX $\pm$ 0.13				VERTICAL SOLDER RECEPTACLE	
						.XXXX $\pm$.0020/.XXX $\pm$.051		INCH/MM		product family	PWRBLADE
				dr	C. BAROT	12-09-99		scale		size	dwg no
				enqr	J. BROWN	12-09-99		1:1		A	51673
				chr	J. BROWN	12-09-99					
				appd	J. BROWN	12-09-99					
sheet index	revision sheet	B 1	B 2	B 3							

Pro/E

cage code 22526

PDM: Rev:B

STATUS: Released

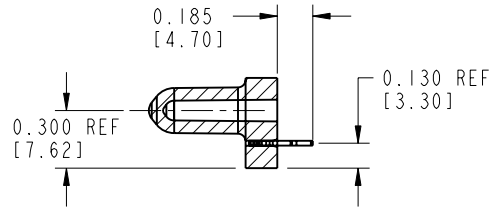
Printed: Aug 11, 2007

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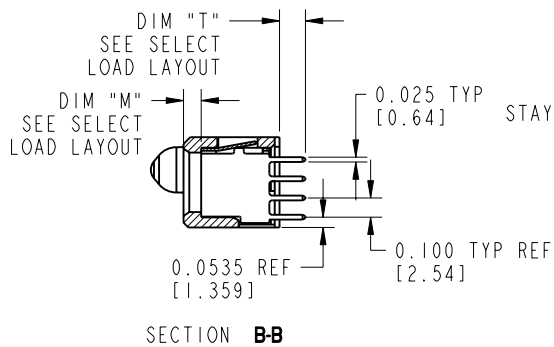
FCI

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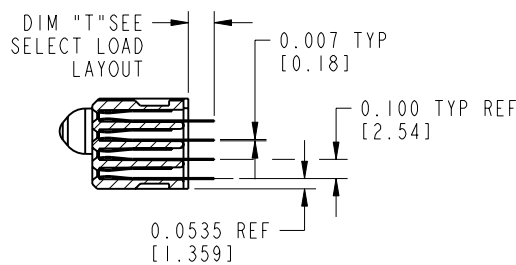
PRODUCT NUMBER
51673-001--
NOTE: 3



SECTION A-A

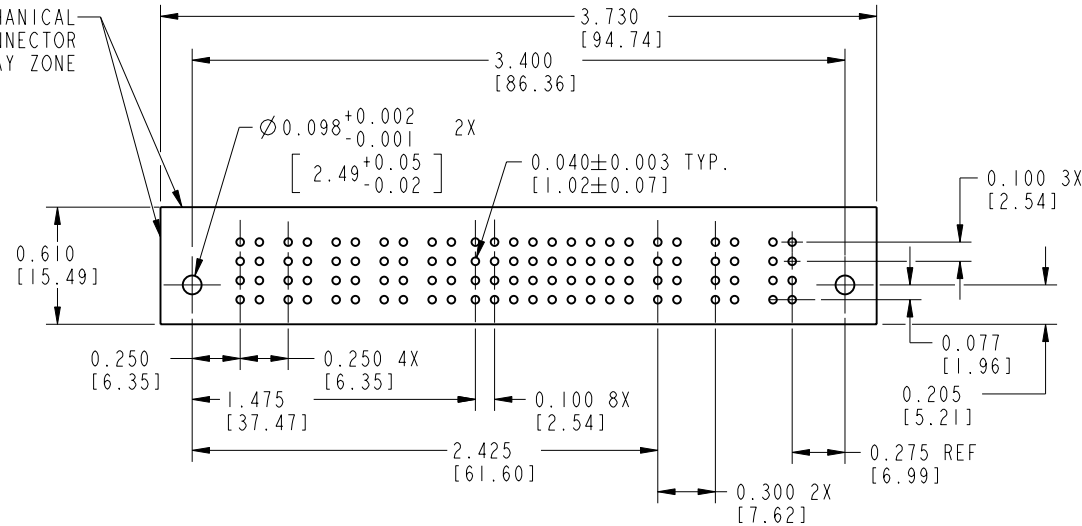


SECTION B-B



SECTION C-C

MECHANICAL CONNECTOR STAY-AWAY ZONE



RECOMMENDED PCB LAYOUT

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

Pro/E

cage code 22526

PDM: Rev:B

STATUS: Released

Printed: Aug 11, 2007

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																			E	36	N/A [N/A]	0.135 [3.43]	SIGNAL	30 u'' [.76um] Au	SnPb
																				PD	7	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

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