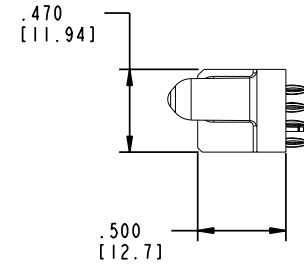
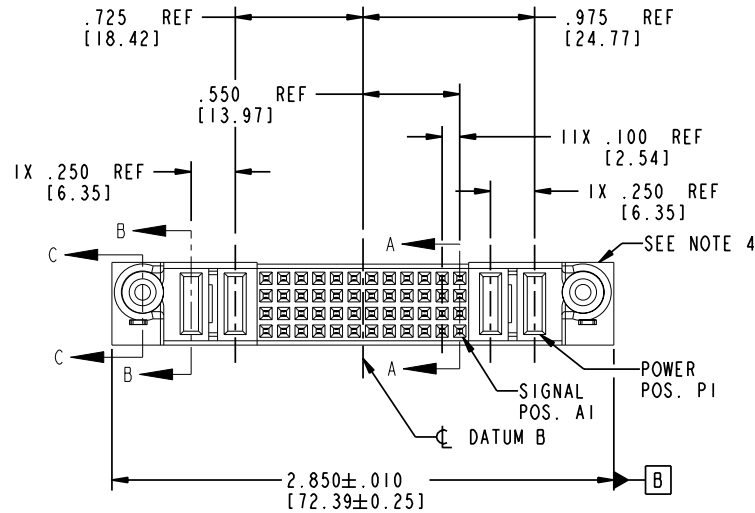


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PRODUCT NO.	ROWS	POWER			SIGNAL												POWER		E1
		E2	P4	P3	12	11	10	9	8	7	6	5	4	3	2	1	P2	P1	
51750-044 Note: ③	D C B A		PF	PC	F	F	F	F	F	F	F	F	F	F	F	F	PC	PF	
					F	F	F	F	F	F	F	F	F	F	F	F	PC	PF	
					F	F	F	F	F	F	F	F	F	F	F	F	PC	PF	
					F	F	F	F	F	F	F	F	F	F	F	F	PC	PF	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	N/A [N/A]	SIGNAL
PC	.042 [1.07]	POWER
PF	.092 [2.34]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecr no.	dr	date	linear		linear		COPY		projection	
A	V03-0160	CGD	02/06/03			.XX±.01/0.X±0.3				title	2P + 48S + 2P
B	DG05-0112	GvoJM	05/18/05			.XXX±.005/0.XX±0.13				product family	PwrBlade
				angles		.XXX±.0020/0.XX±0.051				size	213
				dr		0°±2°				dwg no	51750-044
				engr		C. DAILY	02/06/03			sheet	1 of 4
				chr		M. MOSTOLLER	02/06/03				
				appd		M. MOSTOLLER	02/06/03				
sheet index	revision	B	B	B	B						
	sheet	1	2	3	4						

Pro/E

cage code 22526

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

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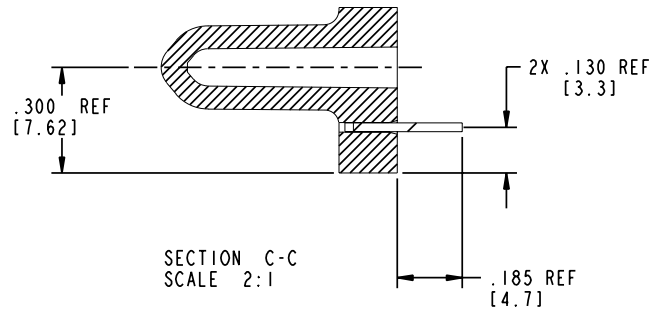
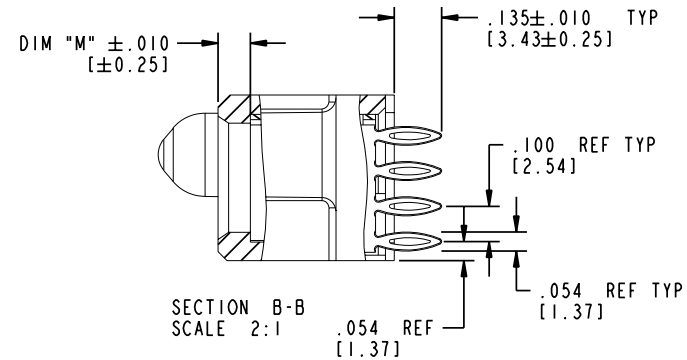
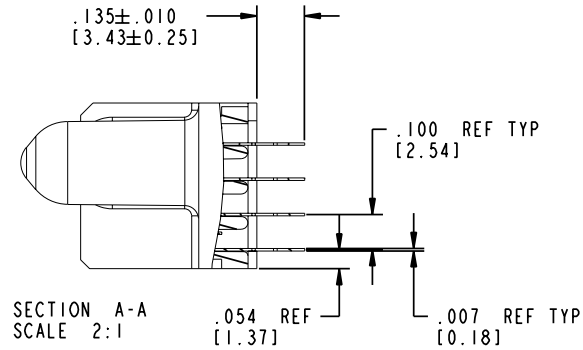
A
FCI

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PRODUCT NUMBER

51750-044..

Note: ③



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	XX±.01/0.X±0.3	projection	COPY	title	2P + 48S + 2P	product family	PwrBlade	code	213
B				linear	.XXX±.005/0.XX±0.13	projection		title	VERTICAL PRESS FIT RECEPT	size	dwg no	sheet	2 of 4
				angles	.XXX±.0020/0.XX±0.051	projection		title		scale	1:1	sheet	2 of 4
				dr	C. DAILY 02/06/03	projection		title		scale	1:1	sheet	2 of 4
				engr	M. MOSTOLLER 02/06/03	projection		title		scale	1:1	sheet	2 of 4
				chr	M. MOSTOLLER 02/06/03	projection		title		scale	1:1	sheet	2 of 4
				appd	M. MOSTOLLER 02/06/03	projection		title		scale	1:1	sheet	2 of 4
sheet index	revision	sheet											

Pro/E

PDM: Rev:B

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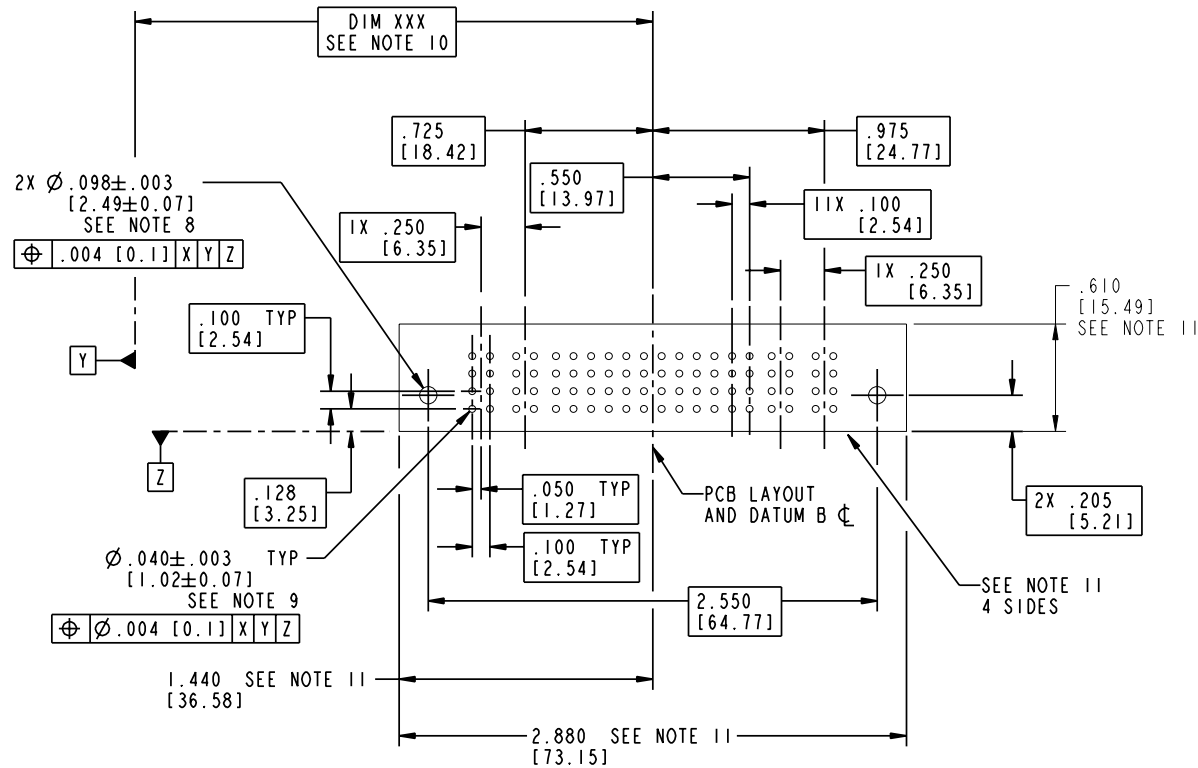
A
FCI

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PRODUCT NUMBER

51750-044..

Note:③



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	XX±.01/0.X±0.3	projection	COPY	title			
B				linear	.XXX±.005/0.XX±0.13	projection		2P + 48S + 2P			
				angles	XXXX±.0020/0.XXX±0.051	projection		VERTICAL PRESS FIT RECEIPT			
				dr	C. DAILY 02/06/03	projection		product family			
				enrg	M. MOSTOLLER 02/06/03	projection		PwrBlade			
				chr	M. MOSTOLLER 02/06/03	projection		code			
				appd	M. MOSTOLLER 02/06/03	projection		213			
sheet index		revision sheet				INCH/MM		size		dwg no	
						1:1		A		51750-044	
										3 of 4	
										cage code	
										22526	

Pro/E

PDM: Rev:B

STATUS:Released

Printed: Dec 20, 2010

PRODUCT NUMBER
51750-044..
Note: ③

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

② HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

3. PLATING:

51750-044 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.

51750-044LF 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 51750-044LF 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.

④ MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON
THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.

6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑧ MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

⑨ $\varnothing .0453 \pm .0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
 $\varnothing .040 \pm .003$ [1.02 $\pm$.07] HOLE.

⑩ "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

⑪ CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com			
ltr	ecn no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$			COPY				projection				title			
B					$.XXX \pm .005 / 0.XX \pm 0.13$											2P + 48S + 2P			
				angles	$XXX \pm .0020 / 0.XX \pm 0.051$											VERTICAL PRESS FIT RECEIPT			
				dr	C. DAILY 02/06/03			INCH/MM				product family				PwrBlade			
				engr	M. MOSTOLLER 02/06/03			scale				size				dwg no			
				chr	M. MOSTOLLER 02/06/03			1:1				A				51750-044			
				appd	M. MOSTOLLER 02/06/03											code			
sheet index		revision		sheet														213	
																		sheet	
																		4 of 4	

Mouser Electronics

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