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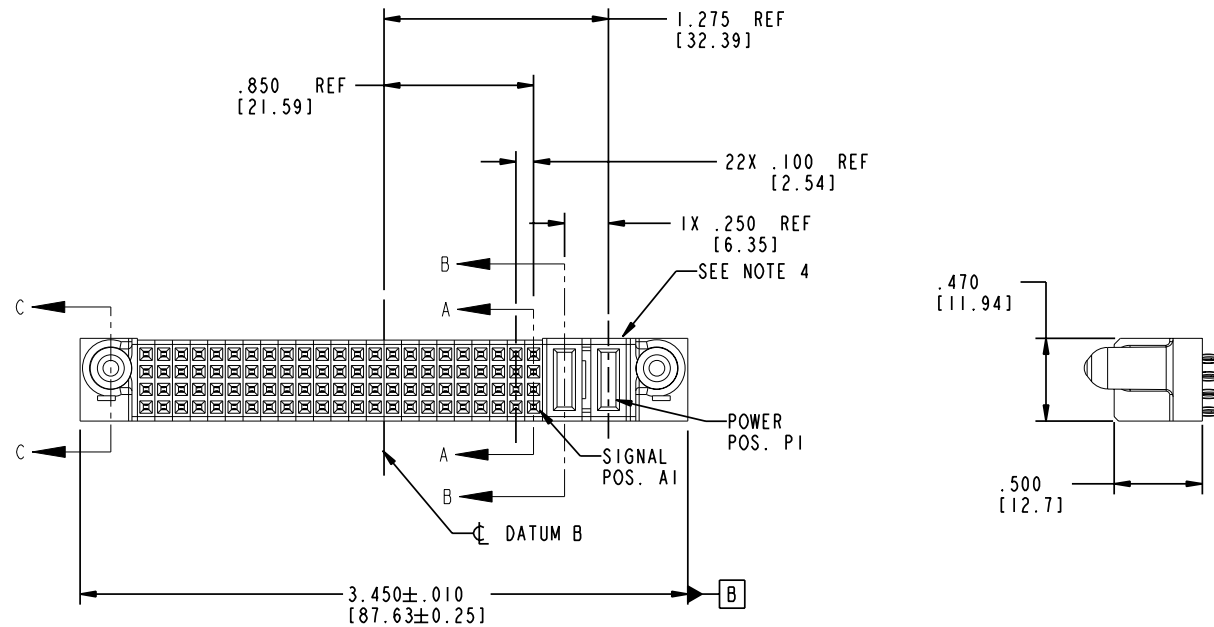
A
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B

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

PRODUCT NO.	ROWS	SIGNAL																									POWER			
		E2	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	P2	P1	E1		
51752-010-- Note: ③	D C B A		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F				
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F					
		F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F					



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecm no.	dr	date	linear	$.XX \pm .01/0.X \pm 0.3$		COPY		projection	title	
A	V03-0855	MEM	8/5/03		$.XXX \pm .005/0.XX \pm 0.13$					2P + 92S	
B	DG05-0182	SJ	06/22/05	angles	$.XXXX \pm .0020/0.XX \pm 0.051$				INCH/MM	VERTICAL PRESS FIT RECEPTOR	
					$0^\circ \pm 2^\circ$					product family	
				dr	M. MOSTOLLER	8/5/03			PwrBlade		code
				engr	M. MOSTOLLER	8/5/03			size		dwg no
				chr	H. BREWBAKER	8/5/03			A		51752-010
				appd	M. MOSTOLLER	8/5/03	scale		I : I		213
sheet index	revision	B	B	B	B						sheet
	sheet	1	2	3	4						1 of 4

Pro/E

PDM: Rev:B

STATUS:Released

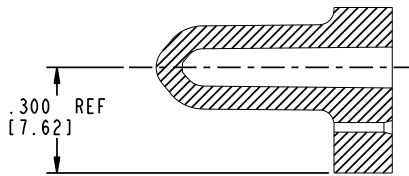
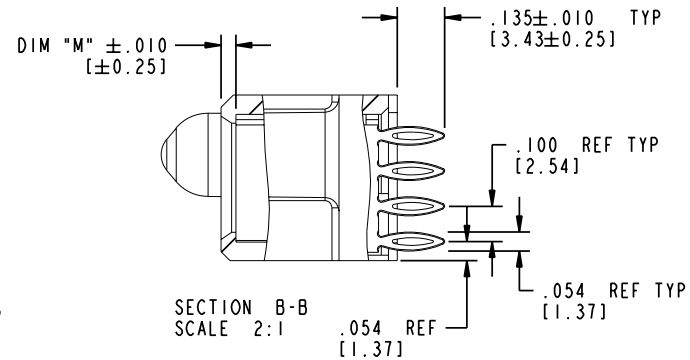
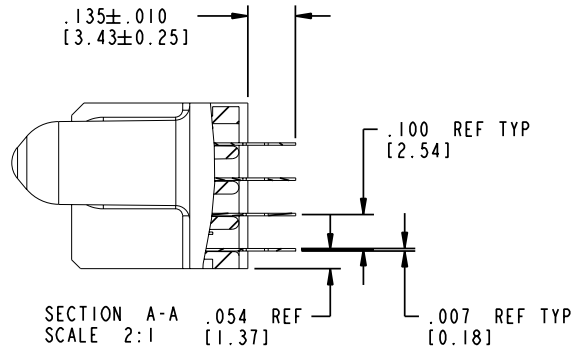
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PRODUCT NUMBER
51752-010--
Note: ③



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	COPY		title	
B				linear	.XXX±.005/0.XX±0.13	projection		2P + 92S	
				linear	.XXX±.0020/0.XX±0.051	INCH/MM		VERTICAL PRESS FIT RECEPT	
				angles	0°±2°	scale		product family	
				dr	M. MOSTOLLER 8/5/03	1:1		PwrBlade	
				enr	M. MOSTOLLER 8/5/03	A		size	
				chr	H. BREWBAKER 8/5/03			51752-010	
				appd	M. MOSTOLLER 8/5/03			code	
sheet	revision							213	
index	sheet							2 of 4	

Pro/E

cage code
22526

PDM: Rev:B

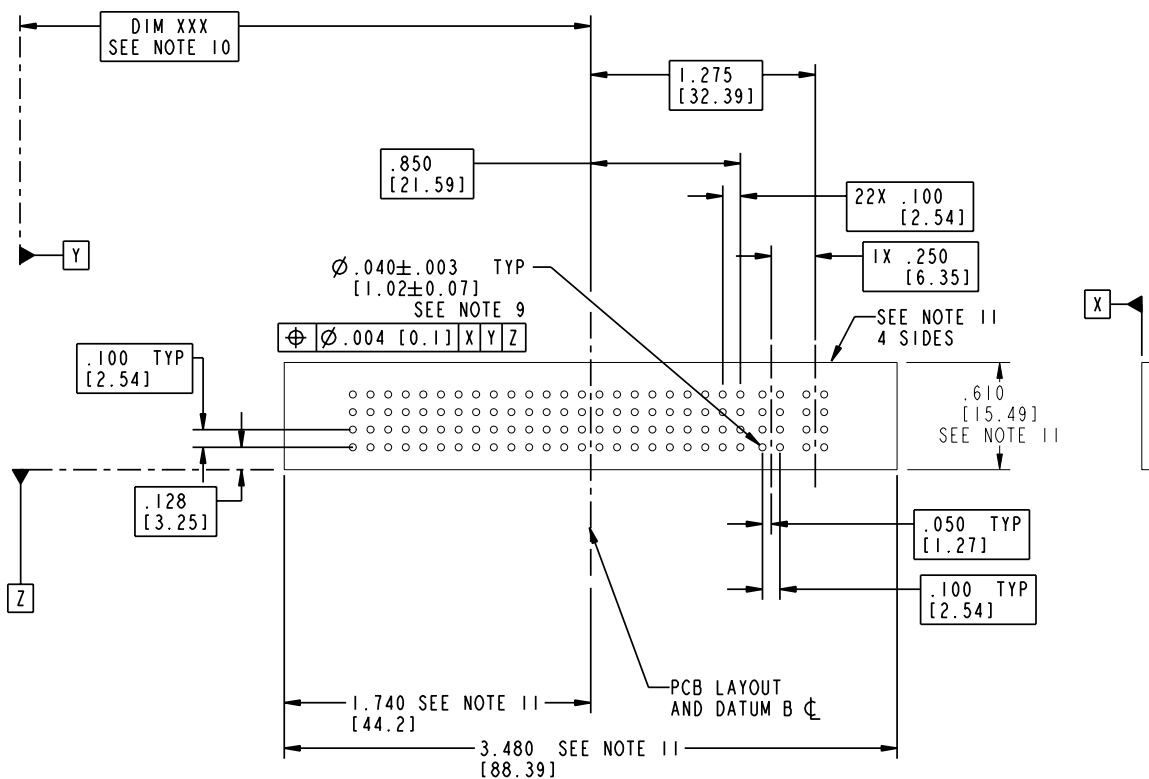
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AFCI

51752-010..
Note: (3)



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				www.fciconnect.com									
lfr	ecn no.	dr	date	linear	$XY \pm .01/0.X \pm 0.3$ $XXX \pm .005/0.XX \pm 0.13$ $XXXX \pm .002/0.XXX \pm 0.051$				projection 	title 2P + 92S VERTICAL PRESS FIT RECEP															
8					$0^\circ \pm 2^\circ$					product family PwrBlade				code 213											
										INCH/MM 				size dwg no A 51752-010		sheet 3 of 4									
										scale 1:1															
sheet index		revision sheet																							
Pro/E										3										cage code 22526				4	

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PRODUCT NUMBER

51752-010_-
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:

51752-010 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.

51752-010LF 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 51752-010LF 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+ .01/0.X+0.3			COPY				projection				title			
B					.XXX+ .005/0.XX+0.13											2P + 92S			
				angles	.XXX+ .0020/0.XX+0.051											VERTICAL PRESS FIT RECEIPT			
					0+7°														
				dr	M. MOSTOLLER 8/5/03			INCH/MM				product family				PwrBlade			
				engr	M. MOSTOLLER 8/5/03			scale				size				dwg no			
				chr	H. BREWBAKER 8/5/03			1:1				A				51752-010			
				appd	M. MOSTOLLER 8/5/03											code			
sheet index		revision sheet																213	
																		sheet	
																		4 of 4	

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