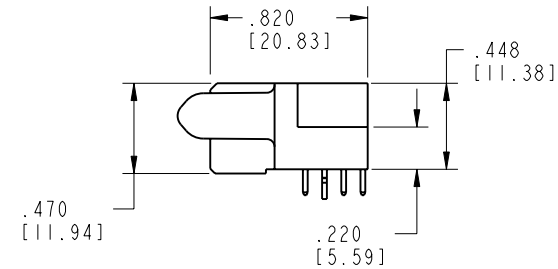
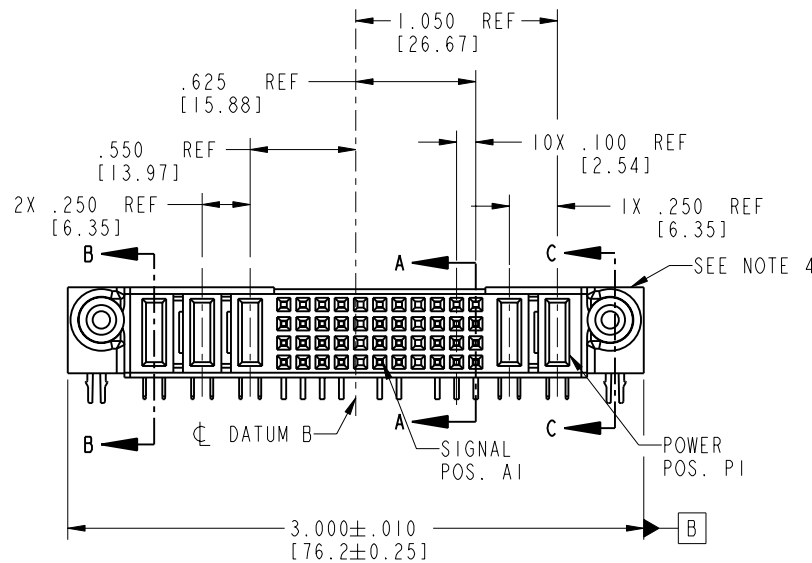


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PRODUCT NO.	ROWS	POWER				SIGNAL											POWER		E1
		E2	P5	P4	P3	11	10	9	8	7	6	5	4	3	2	1	P2	P1	
51770-010-- NOTE: 3	D C B A		PC	PA	PA	H	H	H	H	X	H	H	X	H	H	H	PC	PC	
						G	G	G	G	X	G	G	X	G	G	G			
						F	F	F	F	X	F	F	X	F	F	F			
						E	E	E	E	X	E	E	X	E	E	E			



CODE	DIM "M" MATING LENGTH		CONTACT TYPE
E	N/A	[N/A]	SIGNAL
F	N/A	[N/A]	SIGNAL
G	N/A	[N/A]	SIGNAL
H	N/A	[N/A]	SIGNAL
PA	.042	[1.07]	POWER
PC	.092	[2.34]	POWER
HA	N/A	[N/A]	HOLD-DOWN
X	OMITTED		OMITTED

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	projection	COPY	INCH/MM	scale	title	2P + 44S + 3P R/A SOLDER RECEPTACLE
A	V03-0219	TAB	02/26/03		.XXX±.005/0.XXX±0.13						
B	V03-0305	TAB	03/13/03	angles	.XXX±.0020/0.XXX±0.051	0°±2°	product family	PwrBlade	code	213	sheet 1 of 4
C	DG05-0530	GuoJM	12/08/05								
				dr	T. BRUNGARD	02/26/03	A	51770-010	cage code 22526	4	
				enrg	M. MOSTOLLER	02/26/03					
				chr	M. MOSTOLLER	02/26/03					
				appd	M. MOSTOLLER	02/26/03					
sheet index		revision sheet		C	C	C	C				
				1	2	3	4				

Pro/E

3

cage code 22526

4

PDM: Rev:C

STATUS: Released

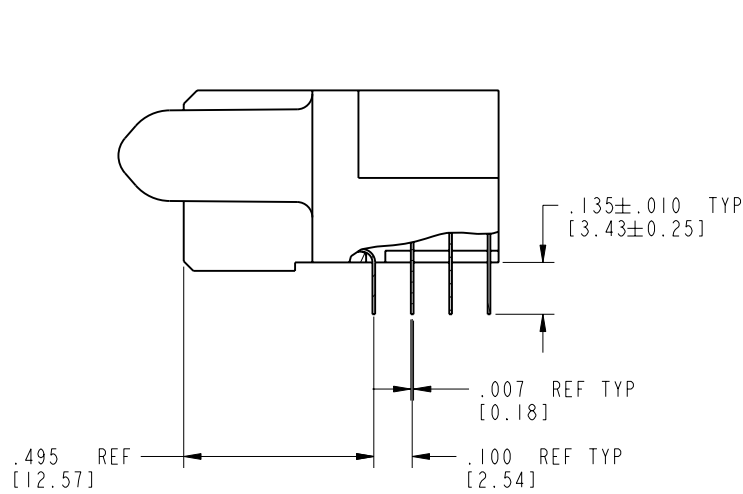
Printed: Dec 20, 2010

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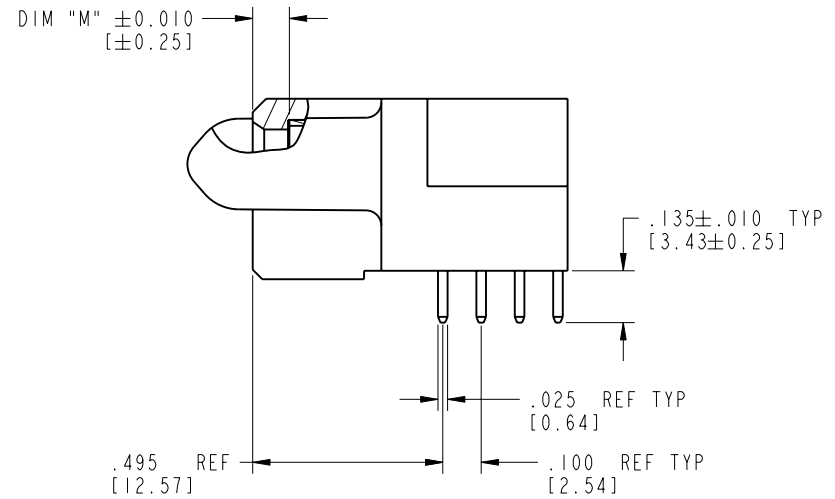
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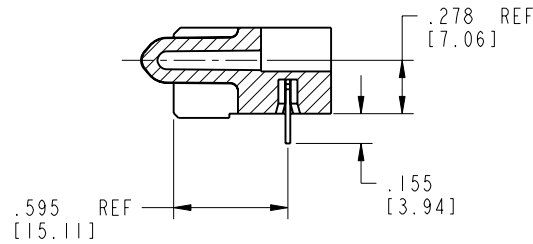
PRODUCT NUMBER
51770-010--
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	angular	COPY	projection		
C				.XX±.01/0.XX±0.3				title	2P + 44S + 3P
				.XXX±.005/0.XX±0.13					R/A SOLDER RECEPTACLE
				.XXX±.0020/0.XX±0.051				product family	PwrBlade
				dr	T. BRUNGARD 02/26/03			size	213
				enr	M. MOSTOLLER 02/26/03			dwg no	51770-010
				chr	M. MOSTOLLER 02/26/03			sheet	2 of 4
				appd	M. MOSTOLLER 02/26/03				
sheet index	revision sheet								

Pro/E

code code 22526

PDM: Rev:C

STATUS: Released

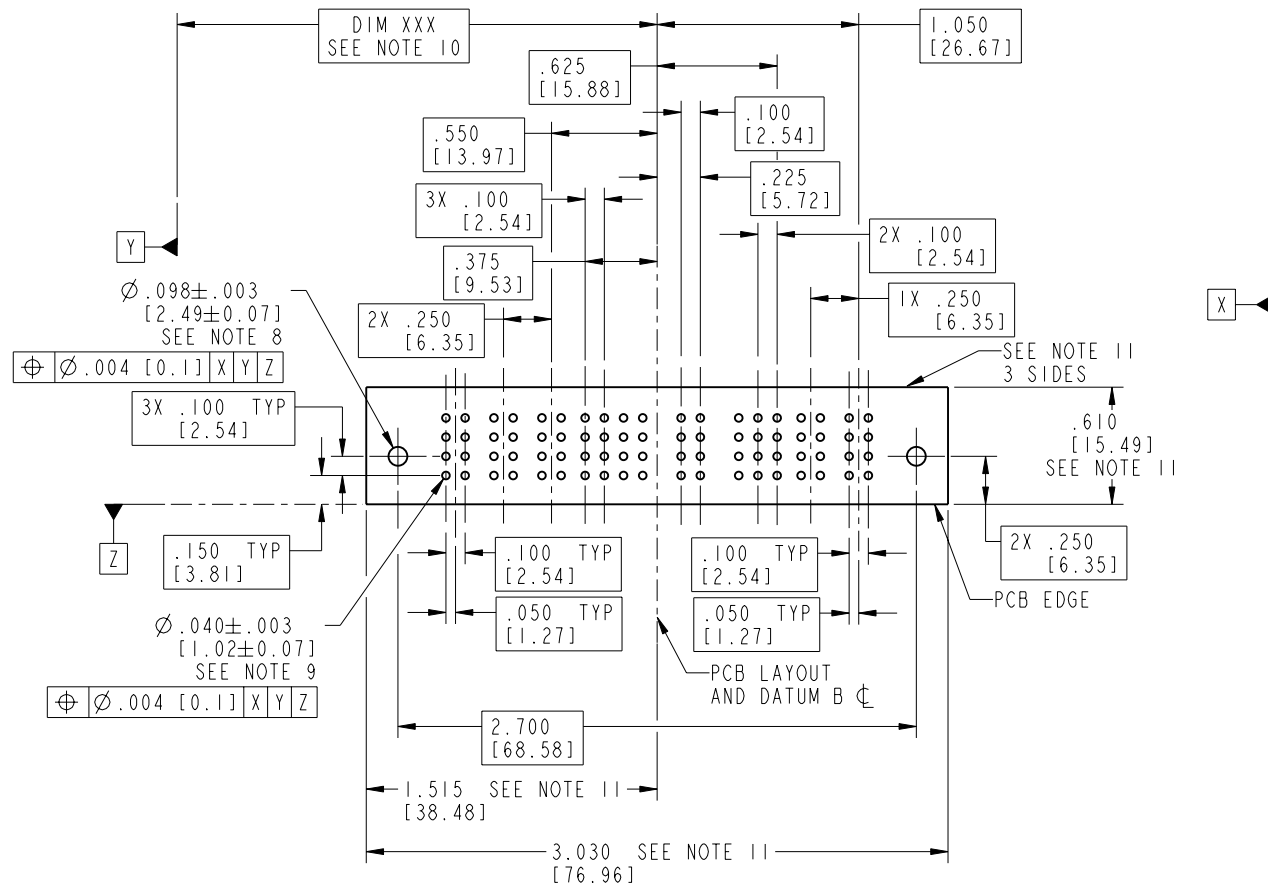
Printed: Dec 20, 2010

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PRODUCT NUMBER
51770-010--
NOTE: 3



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com									
lfr		ecn no.		dr		date		linear		.XX±.01/0.X±0.3 .XXX±.005/0.XX±0.13 .XXXX±.0020/0.XXX±0.051		angles		0°±2°		projection				title		2P + 44S + 3P		R/A SOLDER RECEPTACLE	
C																product family		PwrBlade		code					
								dr		T. BRUNGARD 02/26/03						INCH/MM		size		dwg no		213			
								enrg		M. MOSTOLLER 02/26/03						scale		A		51770-010		sheet			
								chr		M. MOSTOLLER 02/26/03												3 of 4			
								appd		M. MOSTOLLER 02/26/03															
sheet index		revision sheet																							

cage code 22526

Pro/E

PDM: Rev:C

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER

51770-010__
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:

51770-010 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.

51770-010LF 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 51770-010LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER ICOUNTRY 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				tolerances unless otherwise specified		CUSTOMER	
lfr	ecn no.	dr	date	linear	projection	COPY	
C				$.XX \pm .01/0.X \pm 0.3$			
				$.XXX \pm .005/0.XXX \pm 0.13$			
				$.XXX \pm .0020/0.XXX \pm 0.051$			
				angles $0^\circ \pm 2^\circ$			
				dr T. BRUNGARD 02/26/03	INCH/MM		
				enr M. MOSTOLLER 02/26/03			
				chr M. MOSTOLLER 02/26/03			
				appd M. MOSTOLLER 02/26/03	scale 1:1		
sheet index	revision sheet						



www.fciconnect.com

title 2P + 44S + 3P
R/A SOLDER RECEPTACLE

product family PwrBlade code 213

size dwg no A 51770-010 sheet 4 of 4

cage code 22526

Pro/E

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI:

[51770-010](#)