







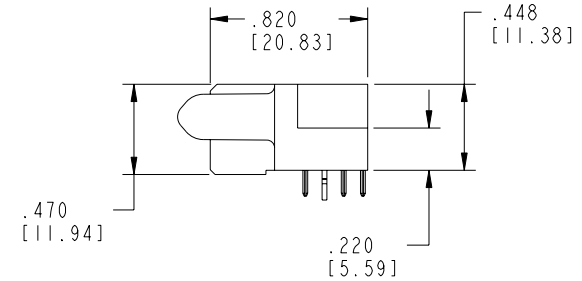
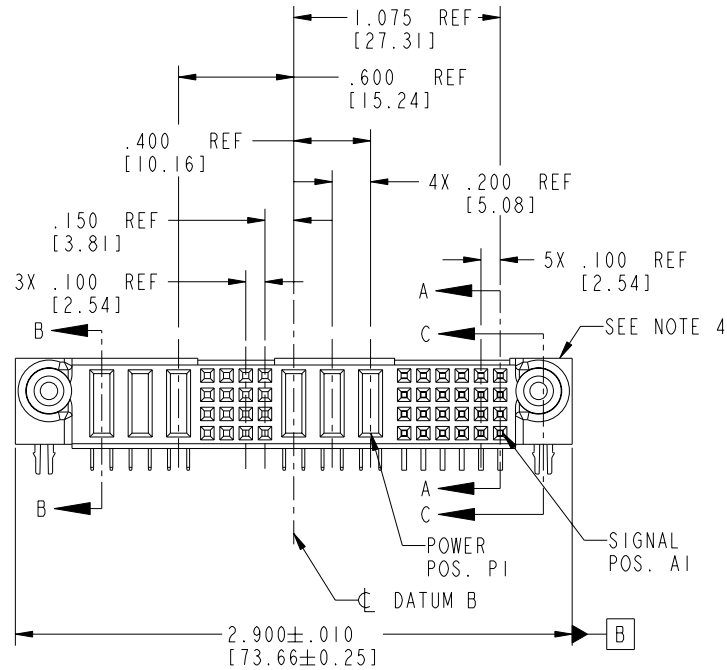


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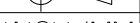
FCI

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PRODUCT NO.	ROW S		POWER			SIG.					POWER			SIGNAL							
		E2	P6	P5	P4	10	9	8	7	P3	P2	P1	6	5	4	3	2	1	E1		
51915-037-- NOTE: ③	D C B A		PA	PA	PA	X	X	X	X	X	PA	PA	PA	H	H	H	H	H			
						X	X	X	X	X				G	G	G	G	G			
						X	X	X	X	X				F	F	F	F	F			
						X	X	X	X	X				E	E	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
HA	N/A [N/A]	HOLD-DOWN
X	OMITTED	OMITTED

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER		 FCI		www.fciconnect.com		
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3				projection 	title 24S + 3P + 16S + 3P R/A SOLDER RECEPTACLE	COPY		 INCH/MM	product family		PwrBlade		code
A	V03-1199	TAB	11/06/03		.XXX±.005/0.XX±0.13						size			dwg no		213		
B	DG05-0260	SJ	08/01/05		angles	.XXX±.0020/0.XXX±0.051					scale 1:1	A		51915-037		sheet 1 of 4		
				0°±2°														
				dr		T. BRUNGARD 11/06/03												
				enrg	M. GRAY 11/06/03													
				chr	M. GRAY 11/06/03													
				appd	M. GRAY 11/06/03													
sheet index	revision sheet	B 1	B 2	B 3	B 4													

Pro/E

3

cage code 22526

4

PDM: Rev:B

STATUS: Released

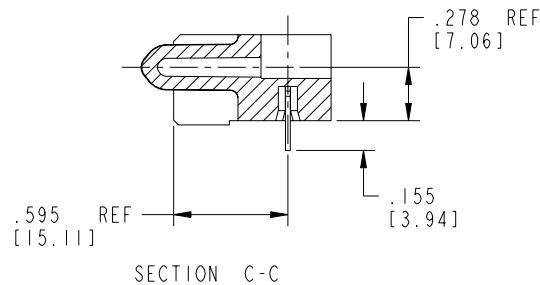
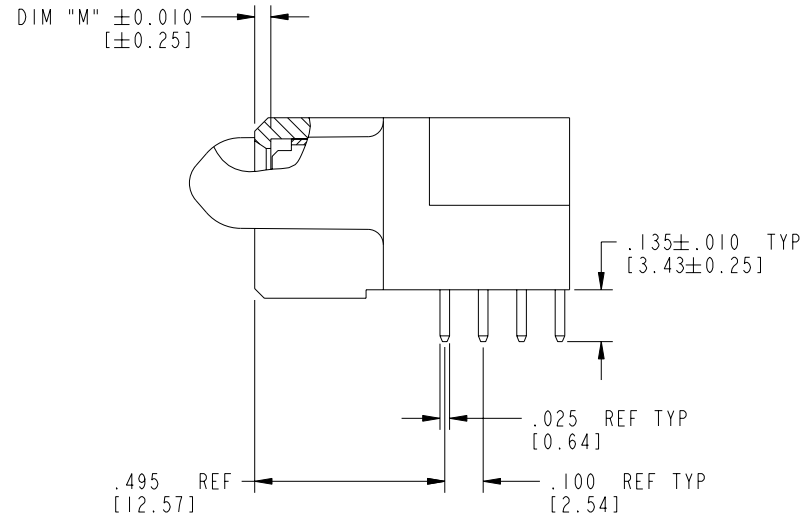
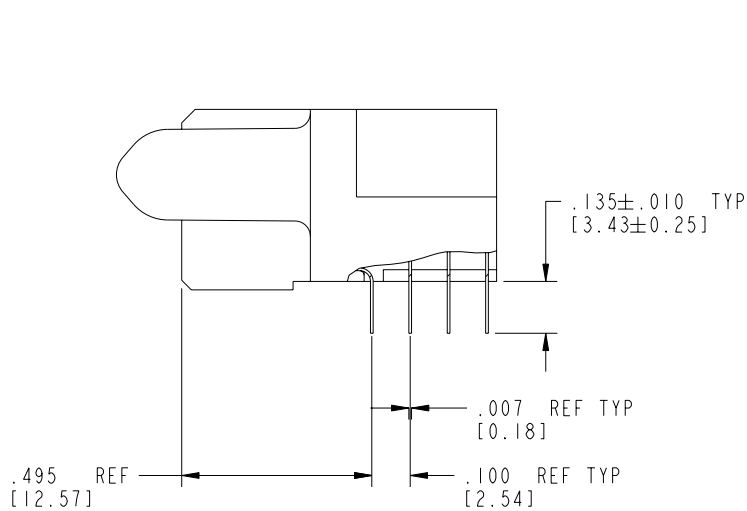
Printed: Dec 20, 2010

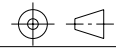
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PRODUCT NUMBER
51915-037--
NOTE: ③



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		<div><div>A</div><div>FCI</div><div>www.fciconnect.com</div></div>				
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		<div>projection</div> <div></div> <div>INCH/MM</div> <div>scale 1:1</div>			
B					.XXX±.005/0.XX±0.13							
					.XXX±.0020/0.XXX±0.051							
				angles	0°±2°				title 24S + 3P + 16S + 3P R/A SOLDER RECEPTACLE			
				dr	T. BRUNGARD 11/06/03		<div>product family</div> <div>size</div> <div>dwg no</div> <div>A 51915-037</div>		PwrBlade		code	
				engr	M. GRAY 11/06/03				213			
				chr	M. GRAY 11/06/03				sheet			
				appd	M. GRAY 11/06/03				2 of 4			
sheet index		revision sheet										

Pro/E

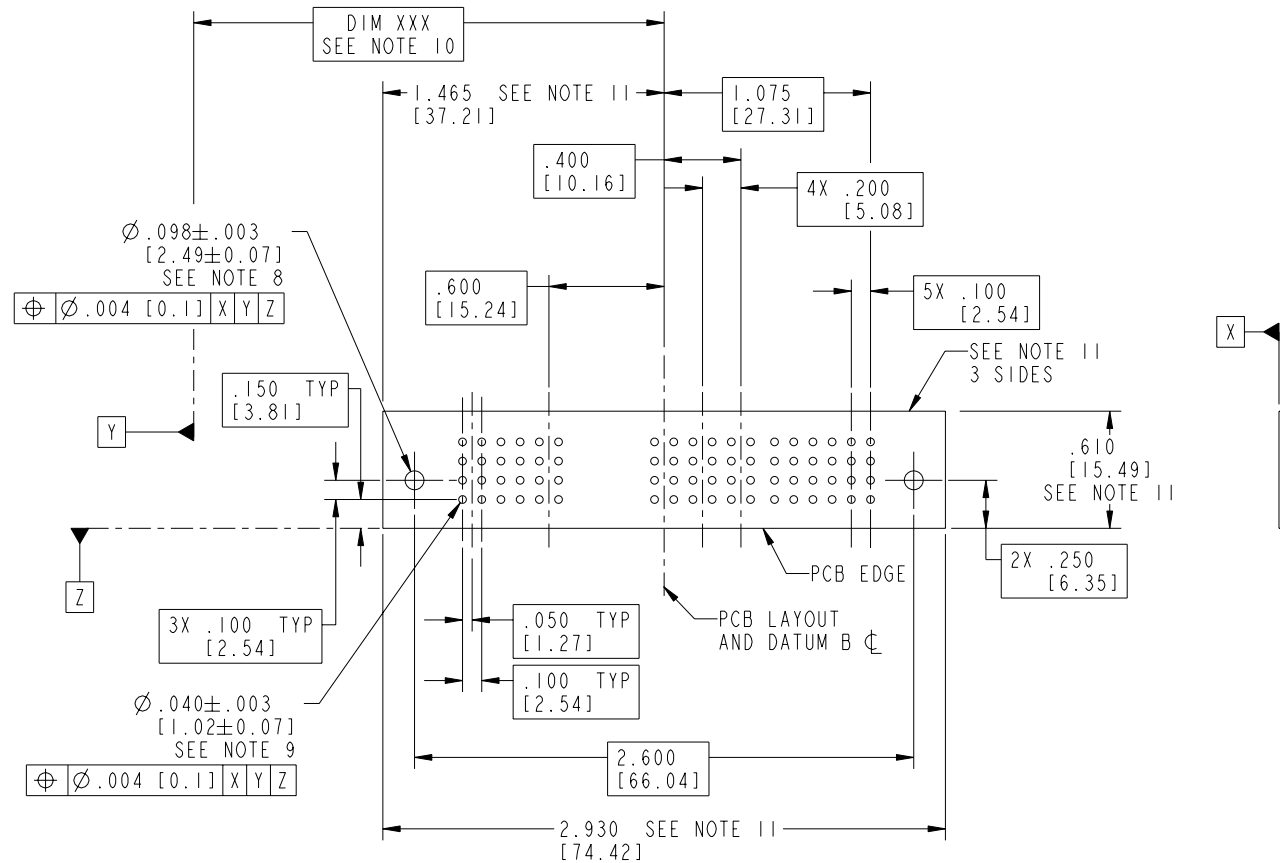
cage code 22526

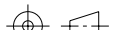

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER
51915-037--
NOTE: ③



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		<div><div>A</div><div>FCI</div><div>www.fciconnect.com</div></div>		
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		projection		title 24S + 3P + 16S + 3P R/A SOLDER RECEPTACLE			
B					.XXX±.005/0.XX±0.13							
					.XXX±.0020/0.XXX±0.051							
				angles	0°±2°		<div>INCH/MM</div> <div>scale 1:1</div>		product family		PwrBlade	code
				dr	T. BRUNGARD 11/06/03				size	dwg no	213	
				enrg	M. GRAY 11/06/03				A	51915-037		sheet 3 of 4
				chr	M. GRAY 11/06/03							
				appd	M. GRAY 11/06/03							
sheet index		revision sheet										

PRODUCT NUMBER
51915-037--
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:

51915-037 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.

51915-037LF 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 51915-037LF 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		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX \pm .01/0.X \pm 0.3		COPY		title 24S + 3P + 16S + 3P R/A SOLDER RECEPTACLE		
B					.XXX \pm .005/0.XX \pm 0.13		projection				
					.XXX \pm .0020/0.XXX \pm 0.051		INCH/MM				
				angles	0° \pm 2°		scale		product family PwrBlade code 213 size dwg no 51915-037 sheet 4 of 4		
				dr	T. BRUNGARD 11/06/03		1:1				
				enrg	M. GRAY 11/06/03						
				chr	M. GRAY 11/06/03				A		
				appd	M. GRAY 11/06/03						
sheet index		revision sheet									

Pro/E

cage code 22526

Mouser Electronics

Authorized Distributor

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FCI:

[51915-037LF](#) [51915-037](#)