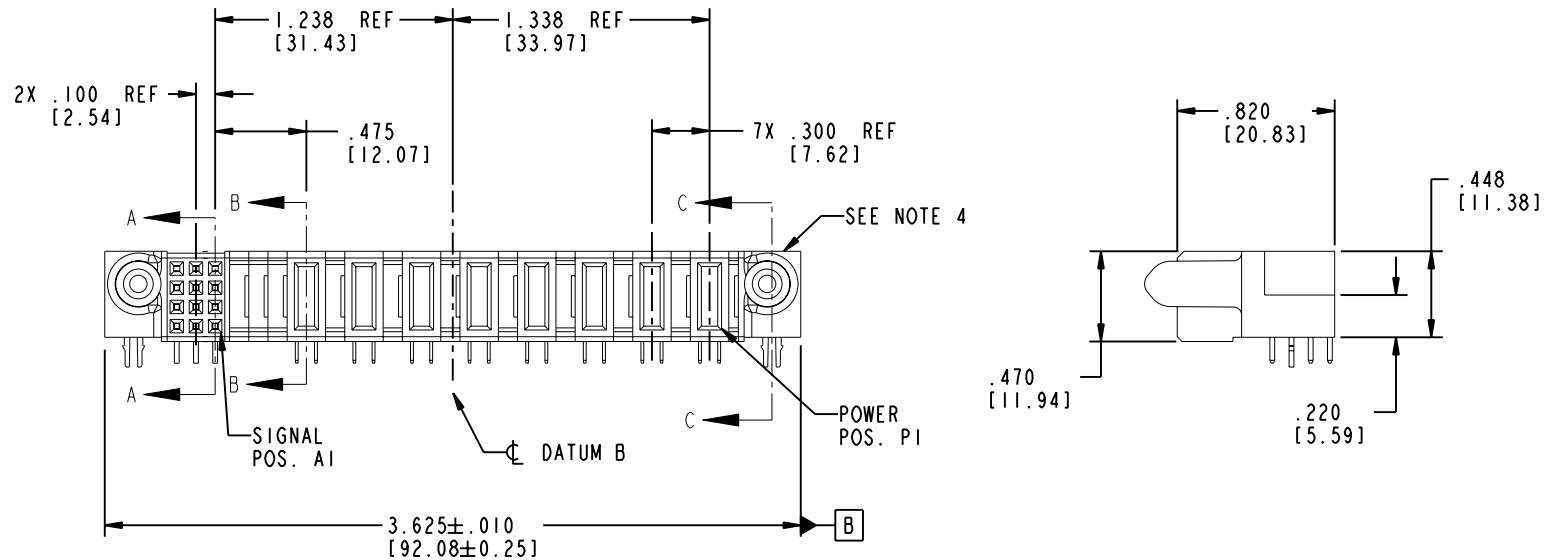


Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

FCI

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NO.	ROWS	POWER												E1
		E2	3	2	1	P8	P7	P6	P5	P4	P3	P2	P1	
51915-071-- Note: (3)	D C B A		H	H	H	PA	PA	PC	PC	PC	PC	PC	PC	
			G	G	G									
			F	F	F									
			E	E	E									



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

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 INCH/MM scale 1:1	title	
A	DG05-0088	SLUO	4/29/05		.XXX±.005/0.XX±0.13		R/A			8P +12S	
					.XXXX±.0020/0.XXX±0.051		SODLER RECEPTACLE				
				angles	0°±2°		product family			PwrBlade	
				dr	STEVEN WANG 4/29/05		size			code	
				enrg	STEVEN WANG 4/29/05		dwg no			213	
				chr	VICTOR LIN 4/29/05		A			51915-071	
				appd	JOSEPH HSIA 4/29/05						
sheet index		revision sheet		A	A						1 of 4
		1	2	3	4						

Pro/E

cage code 22526

PDM: Rev:A

STATUS: Released

Printed: Oct 08, 2006

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

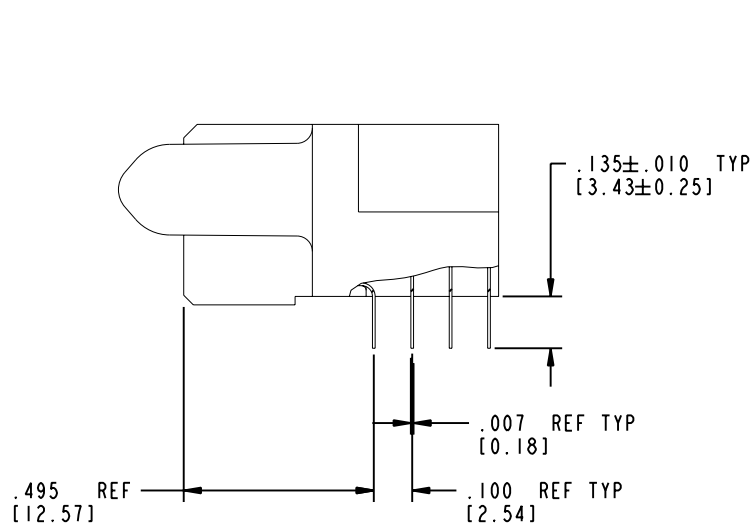
A
FCI

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

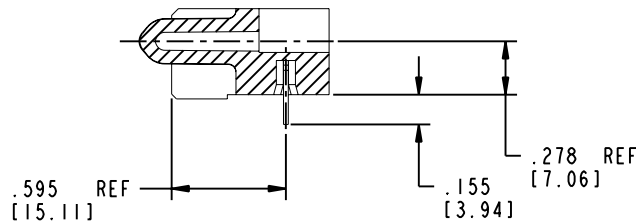
A

B

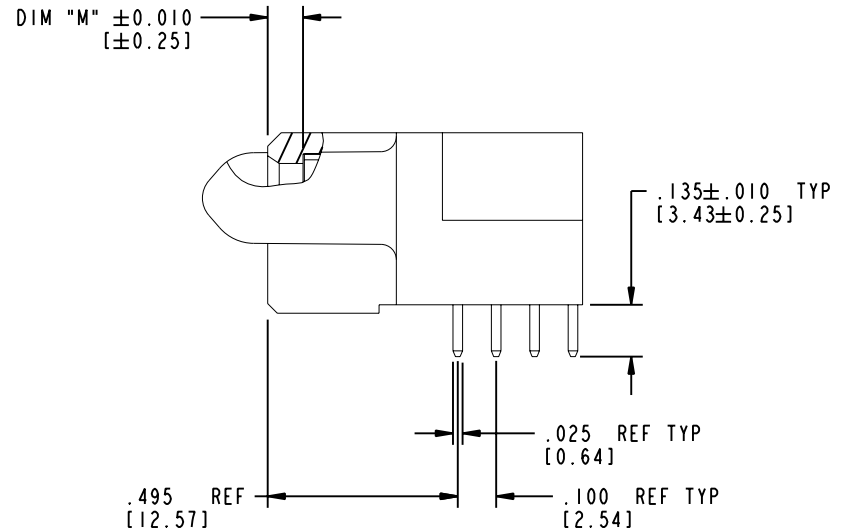
PRODUCT NUMBER
51915-071..
Note:③



BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1

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 8P +12S R/A SODLER RECEPTACLE			
A					.XXX±.005/0.XX±0.13	projection					
					.XXXX±.0020/0.XXX±0.051						
				angles	0°±2°			product family		code	
		dr		STEVEN WANG	4/29/05	1 INCH/MM		PwrBlade		213	
		enrg		STEVEN WANG	4/29/05			size	dwg no	sheet	
		chr		VICTOR LIN	4/29/05			A	51915-071	2 of 4	
		appd		JOSEPH HSIA	4/29/05						
sheet index	revision sheet										

Pro/E

3

cage code
22526

4

PDM: Rev:A

STATUS:Released

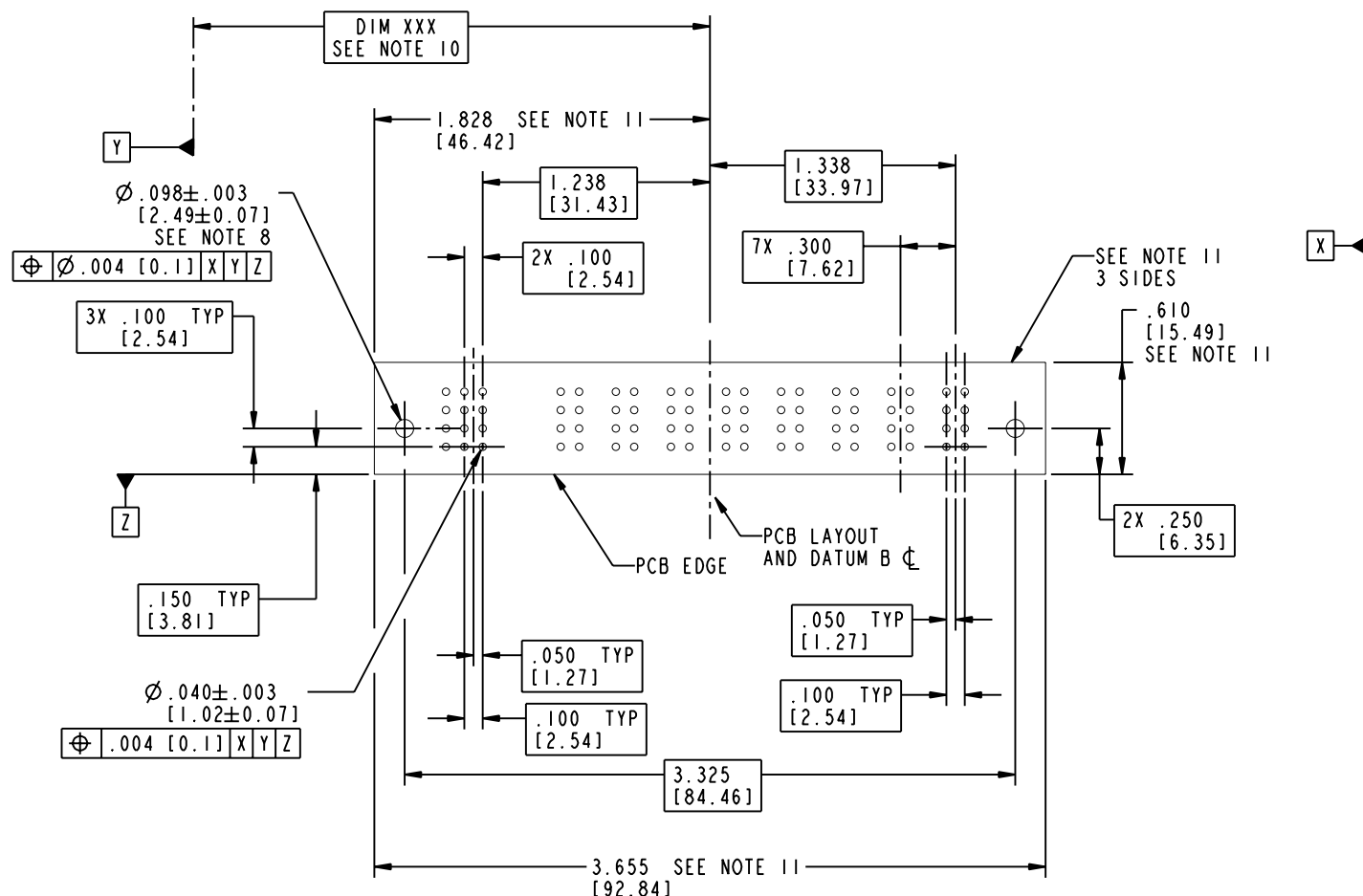
Printed: Oct 08, 2006

FEI

PRODUCT NUMBER

51915-071...

Note: ③

[illegible]**Pro/E**

cage code	22526
-----------	-------

PDM: Rev:A

STATUS: **Released**

Printed: Oct 08, 2006

PRODUCT NUMBER
51915-071..
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:

51915-071 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.

51915-071LF 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 51915-071LF 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:

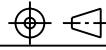
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

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±.01/0.X±0.3		COPY		title 8P +12S R/A SODLER RECEPTACLE					
A					.XXX±.005/0.XX±0.13		projection							
					.XXX±.0020/0.XX±0.051		INCH/MM							
				angles	$0^{\circ} \pm 2^{\circ}$				product family PwrBlade code 213					
				dr	STEVEN WANG	4/29/05	scale					size 51915-071 sheet 4 of 4		
				enrg	STEVEN WANG	4/29/05	1:1							
				chr	VICTOR LIN	4/29/05								
				appd	JOSEPH HSIA	4/29/05			cage code 22526					
sheet index		revision sheet										4		