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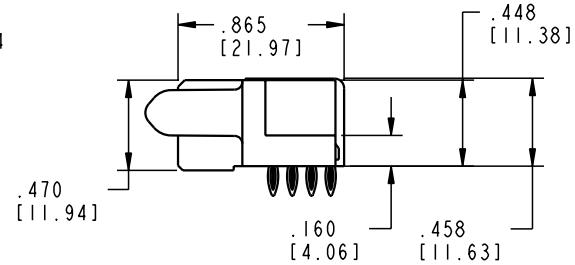
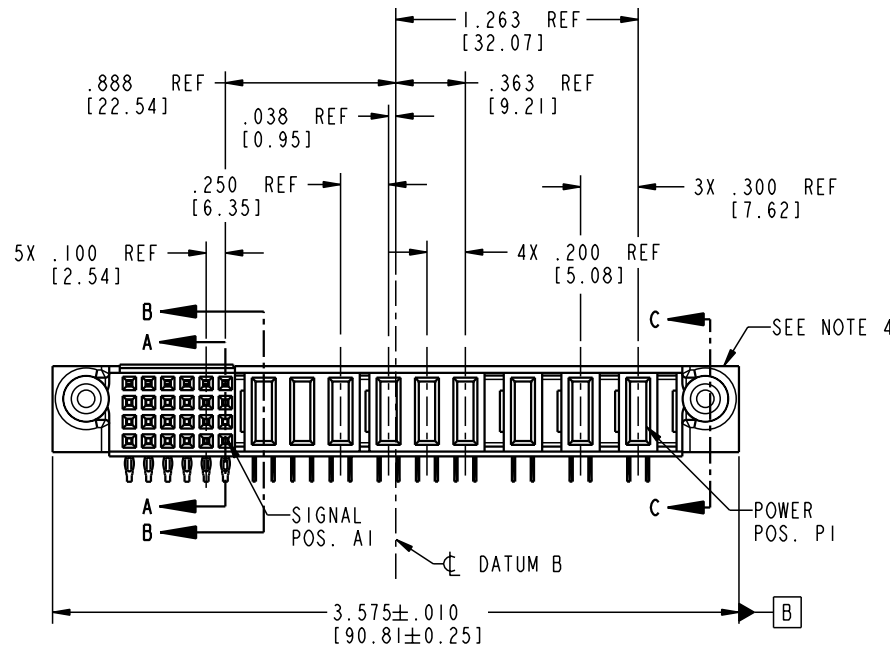
A

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FCI

B

PRODUCT NO.	ROWS	SIGNAL								POWER								E1
		E2	6	5	4	3	2	1	P9	P8	P7	P6	P5	P4	P3	P2	P1	
51866-032	D C B A		S	S	S	S	S	S	P	P	P	P	P	P	P	P	P	
			R	R	R	R	R	R										
			P	P	P	P	P	P										
			N	N	N	N	N	N										
																		



CODE	DIM "M" MATING LENGTH		CONTACT TYPE
N	N/A	[N/A]	SIGNAL
P	N/A	[N/A]	SIGNAL
R	N/A	[N/A]	SIGNAL
S	N/A	[N/A]	SIGNAL
PE	.042	[1.07]	POWER
PF	.092	[2.34]	POWER

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 9P + 24S			
A	V05-0144	TAB	02/10/05		.XXX±.005/0.XX±0.13	projection		R/A PRESS-FIT RECEPTACLE			
					.XXX±.0020/0.XXX±0.051	INCH/MM		product family PwrBlade			
				angles	0°±2°	scale 1:1		size		dwg no	
				dr	T. BRUNGARD 02/10/05			A		51866-032	
				enrg	L. HAO 02/10/05					213	
				chr	L. HAO 02/10/05					sheet	
				appd	L. HAO 02/10/05					1 of 4	
sheet index	revision sheet	A 1	A 2	A 3	A 4						

Pro/E

3

cage code 22526

4

PDM: Rev:A

STATUS: Released

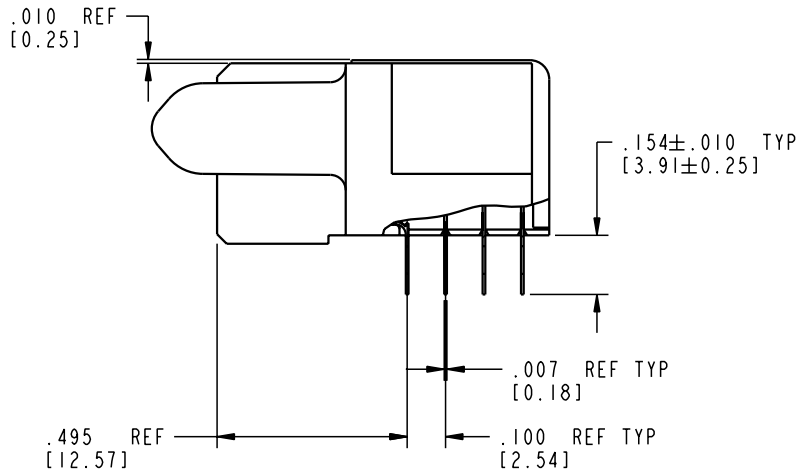
Printed: Dec 20, 2010

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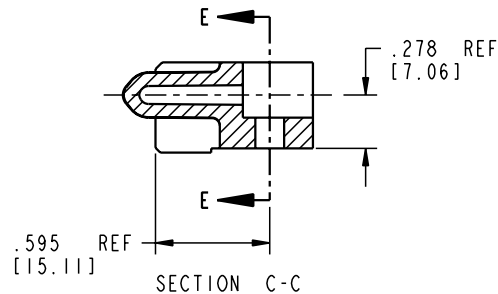
FCI

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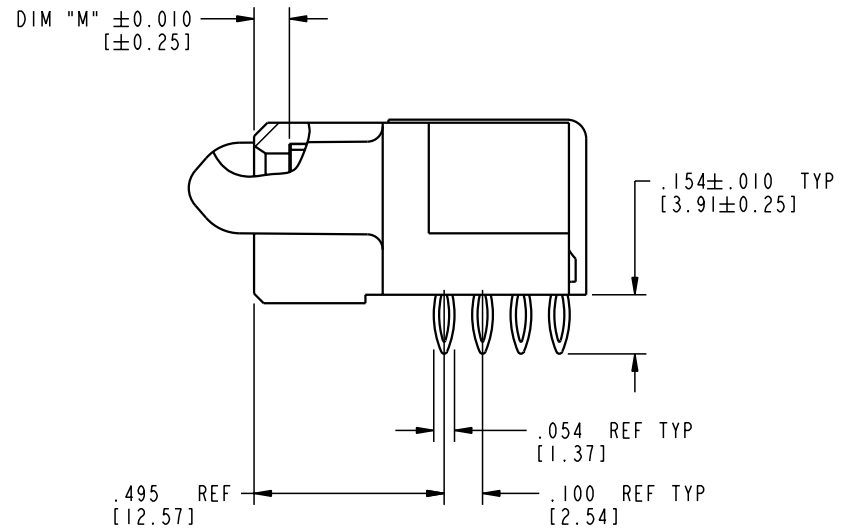
PRODUCT NUMBER
51866-032



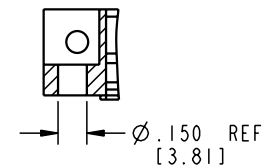
BROKEN-OUT SECTION A-A
SCALE 2:1



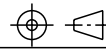
SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1



PARTIAL SECTION E-E

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 9P + 24S R/A PRESS-FIT RECEPTACLE			
A					.XXX±.005/0.XX±0.13				projection					
					angles	.XXX±.0020/0.XXX±0.051								
				0°±2°										
				dr	T. BRUNGARD	02/10/05	INCH/MM		product family		PwrBlade		code	
				enrg	L. HAO	02/10/05			size		dwg no		213	
				chr	L. HAO	02/10/05	scale 1:1		A		51866-032		sheet	
				appd	L. HAO	02/10/05							2 of 4	
sheet index		revision sheet												

Pro/E

cage code **22526**

PDM: Rev:A

STATUS: **Released**

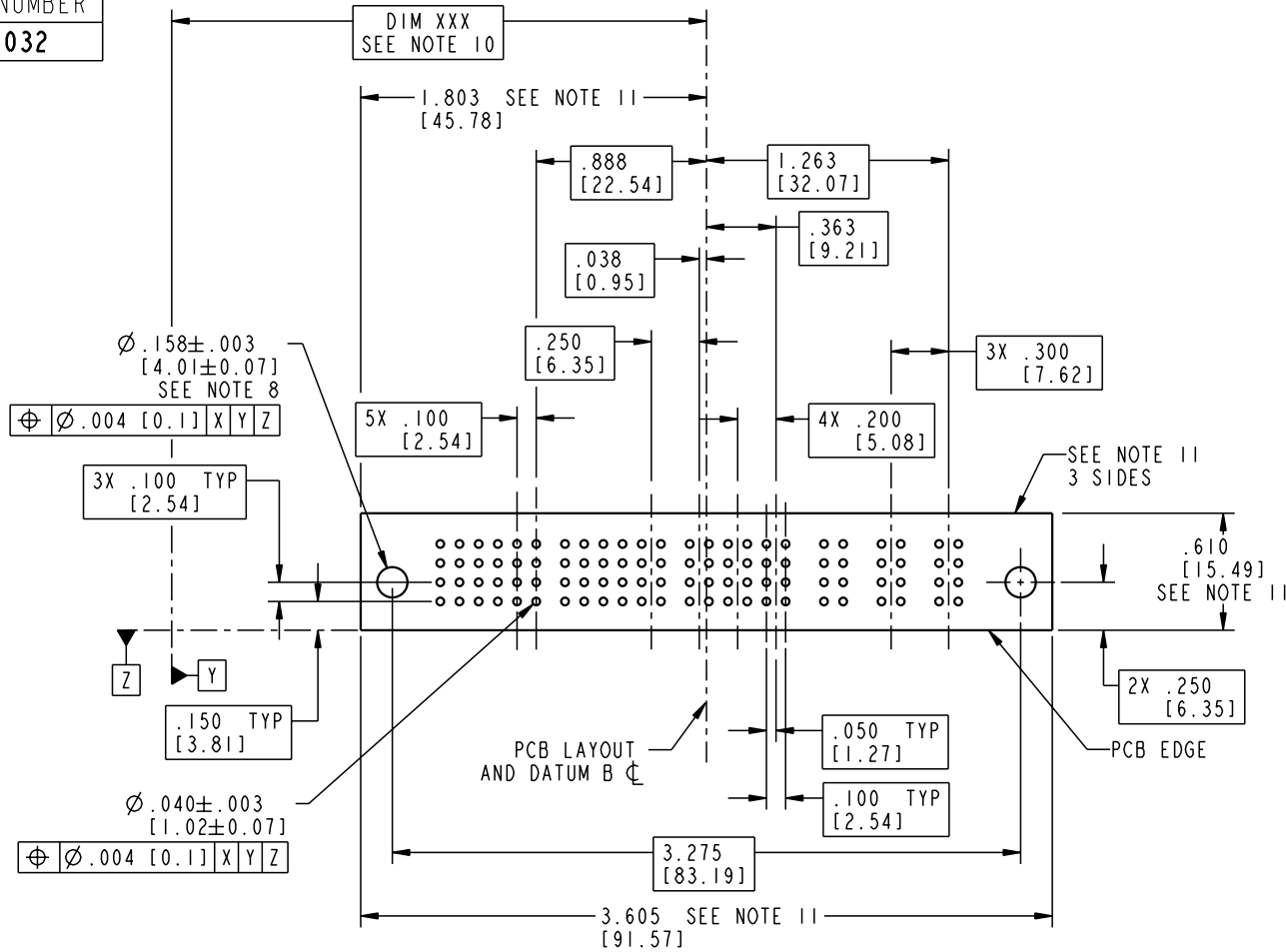
Printed: Dec 20, 2010

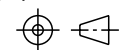
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FCI

PRODUCT NUMBER
51866-032



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		
A					.XXX±.005/0.XX±0.13		projection		
					.XXX±.0020/0.XX±0.051				
				angles	0°±2°				
				dr	T. BRUNGARD	02/10/05	INCH/MM		
				enrg	L. HAO	02/10/05	←————→		
				chr	L. HAO	02/10/05	scale		
				appd	L. HAO	02/10/05	1:1		
sheet index		revision sheet							

title		9P + 24S	
R/A PRESS-FIT RECEPTACLE			
product family		PwrBlade	
size		dwg no	
A		51866-032	
code		213	
		sheet	
		3 of 4	

Pro/E

cage code
22526

PDM: Rev:A

STATUS: **Released**

Printed: Dec 20, 2010

PRODUCT NUMBER
51866-032

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:
SIGNAL PINS: 30u"/0.76um Au OVER 50u"/1.27um Ni
POWER CONTACTS: 50u"/1.27um Ni UNDER ALL
WITH 30u"/0.76um Au ON CONTACT AREA
AND SnPb ON PCB INTERFACE

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.

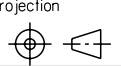
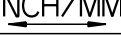
8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

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.

12. USE FCI CAM TOOL 430140-012
TO APPLY CONNECTOR TO PCB.

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				
A					.XXX $\pm$.005/0.XX $\pm$ 0.13		projection				
					.XXX $\pm$.0020/0.XXX $\pm$ 0.051		scale				
				angles	0° $\pm$ 2°		INCH/MM				
				dr	T. BRUNGARD	02/10/05	1:1		product family		PwrBlade
				enrg	L. HAO	02/10/05			size		dwg no
				chr	L. HAO	02/10/05			A		51866-032
				appd	L. HAO	02/10/05			code		213
sheet index		revision sheet								sheet 4 of 4	