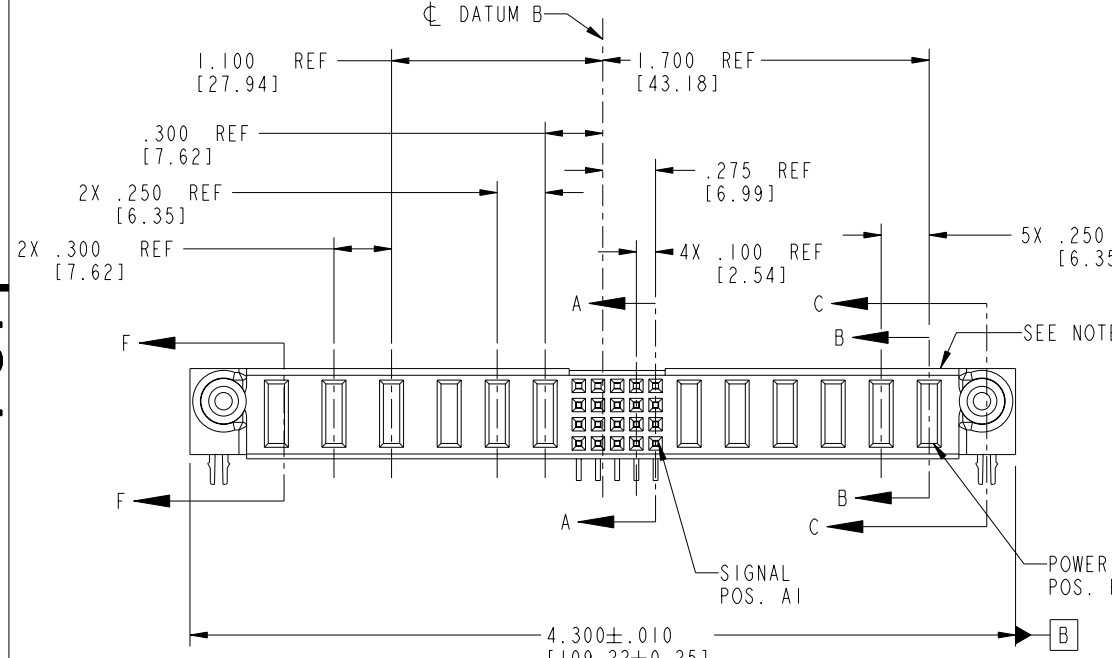
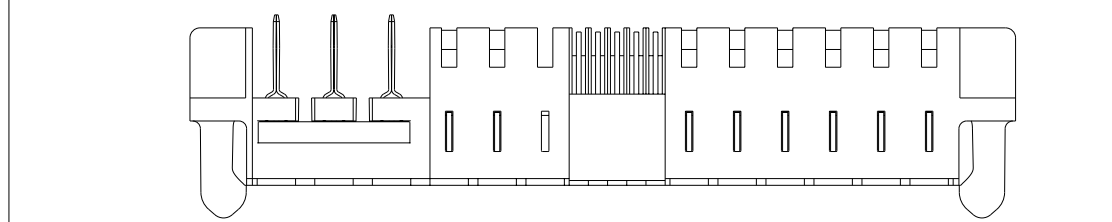
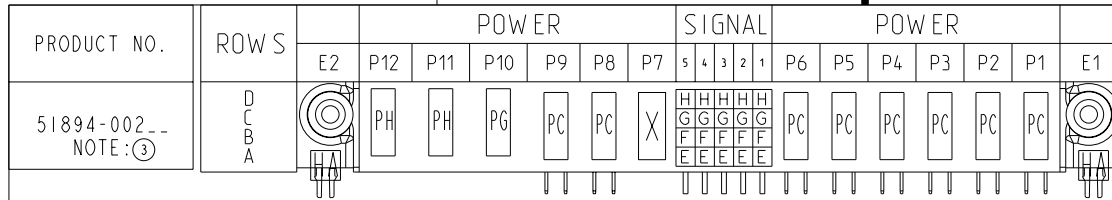


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	N/A [N/A]	SIGNAL
F	N/A [N/A]	SIGNAL
G	N/A [N/A]	SIGNAL
H	N/A [N/A]	SIGNAL
PC	.092 [2.34]	POWER
PG	.042 [1.07]	POWER
PH	.092 [2.34]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				tolerances unless otherwise specified		CUSTOMER	
SEE NOTE 2						COPY	
ltr	ecn no.	dr	date	linear	projection		
A	V03-0278	DAI	03/11/03		INCH/MM		
B	DG05-0308	CS	09/01/05	angles	scale		
				dr	D. INGRAM	03/11/03	
				engr	M. MOSTOLLER	03/11/03	
				chr	M. MOSTOLLER	03/11/03	
				appd	M. MOSTOLLER	03/11/03	
sheet index	revision sheet	B	B	B	B		
		1	2	3	4		

FCI		www.fciconnect.com	
title		6P+20S+3P+3ACP	
R/A SOLDER RECEPTACLE		product family PwrBlade	
code	213	sheet	1 of 4
A		51894-002	
cage code		22526	

Pro/E

3

4

PDM: Rev:B

STATUS: Released

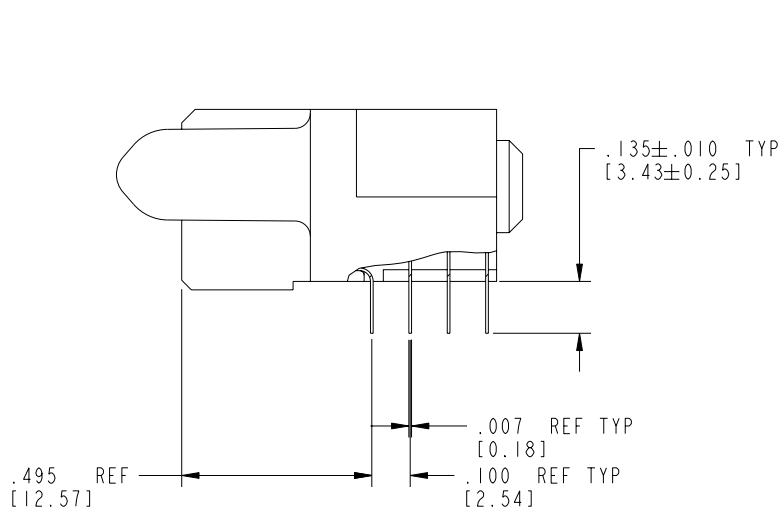
Printed: Aug 14, 2007

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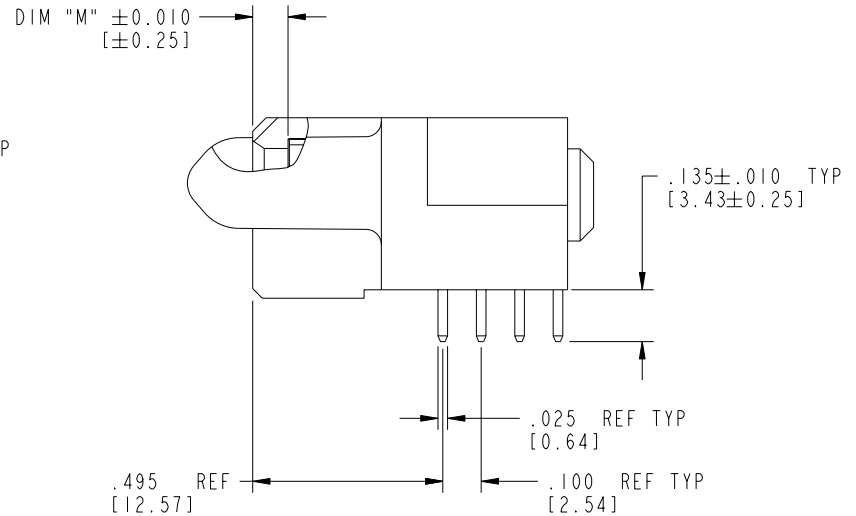
**FCI**

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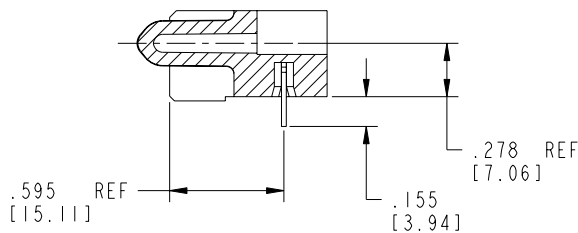
PRODUCT NUMBER  
51894-002--  
NOTE: ③



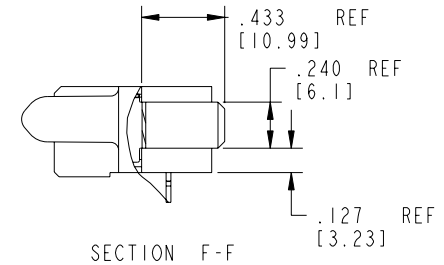
BROKEN-OUT SECTION A-A  
SCALE 2:1



BROKEN-OUT SECTION B-B  
SCALE 2:1



SECTION C-C



SECTION F-F

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER	<b>FCI</b> www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY	title 6P+20S+3P+3ACP R/A SOLDER RECEPTACLE	
B				projection	.XXX±.005/0.XXX±0.13	projection		
				angles	.XXX±.0020/0.XXX±0.051	product family PwrBlade	code 213	
				dr	D. INGRAM 03/11/03		size	sheet 2 of 4
				engr	M. MOSTOLLER 03/11/03	scale	A 51894-002	
				chr	M. MOSTOLLER 03/11/03	1:1		
				appd	M. MOSTOLLER 03/11/03			
sheet index	revision sheet							

Pro/E

cage code 22526

PDM: Rev:B

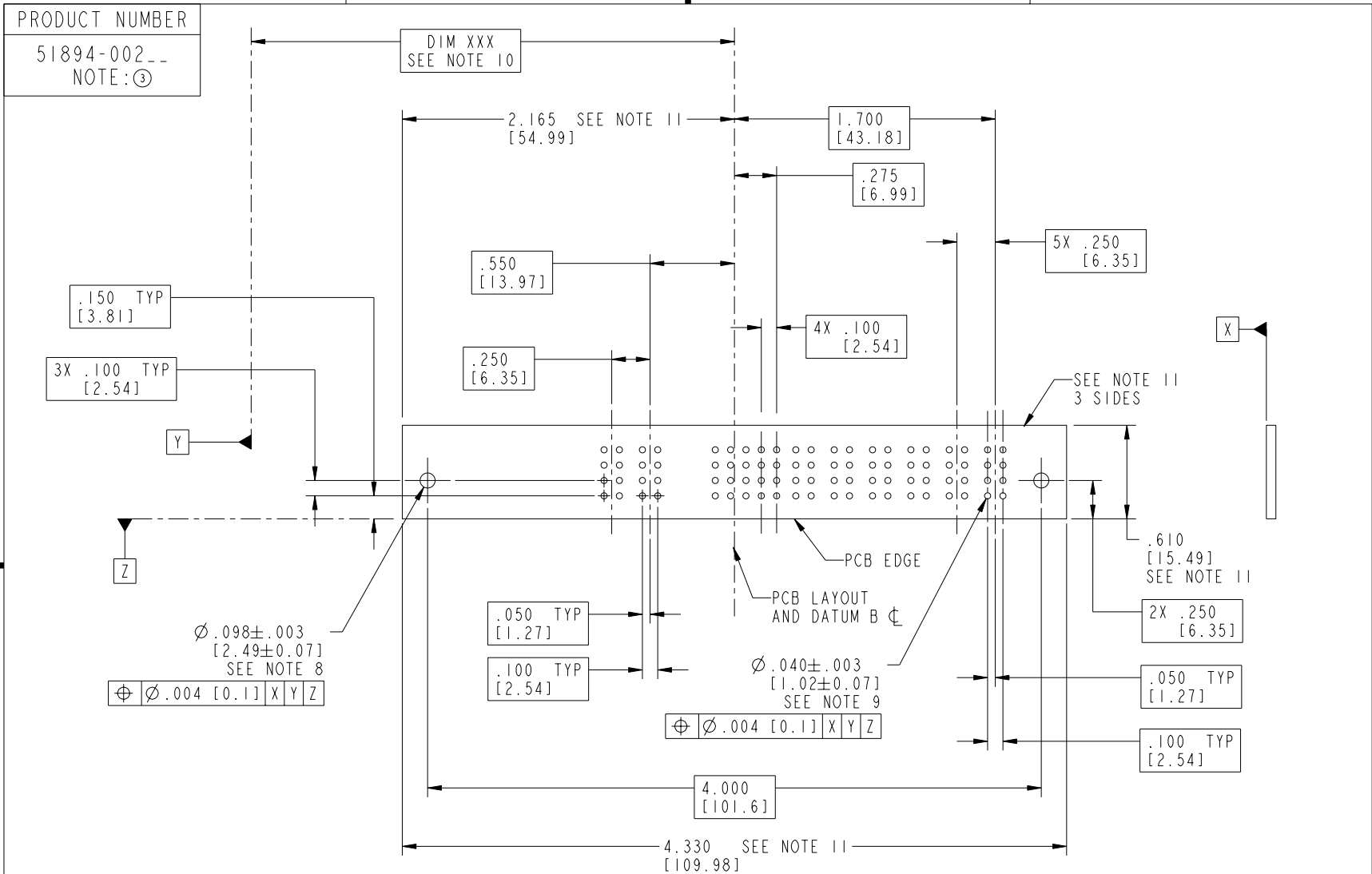
STATUS: Released

Printed: Aug 14, 2007

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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	projection		COPY		title	
B				angles	.XXX±.005/0.XXX±0.13			A		6P+20S+3P+3ACP	
				dr	.XXX±.0020/0.XXX±0.051			R/A SOLDER RECEPTACLE		product family	
				engr	0° ± 2°	scale		PwrBlade		code	
				chr		1:1		size		213	
				appd				A		sheet	
sheet index		revision sheet						51894-002		3 of 4	

cage code 22526

Pro/E

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1 | 2

3 |

4

PRODUCT NUMBER

51894-002--  
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:

51894-002 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.

51894-002LF 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 51894-002LF 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:


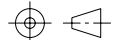


7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑧. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

⑨.  $\varnothing .0453 \pm .0010$  [1.151 ± 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 ± .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	ecr no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		 title 6P+20S+3P+3ACP R/A SOLDER RECEPTACLE		
B					.XXX±.005/0.XX±0.13		 product family PwrBlade code 213				
					angles	.XXX±.0020/0.XXX±0.051 0° ± 2°		 scale 1:1		size	dwg no
				dr	D. INGRAM	03/11/03			A	51894-002	4 of 4
				enr	M. MOSTOLLER	03/11/03					
				chr	M. MOSTOLLER	03/11/03					
				appd	M. MOSTOLLER	03/11/03					
sheet index	revision sheet										

1 | 2

Pro/E

3 |

cage code 22526

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