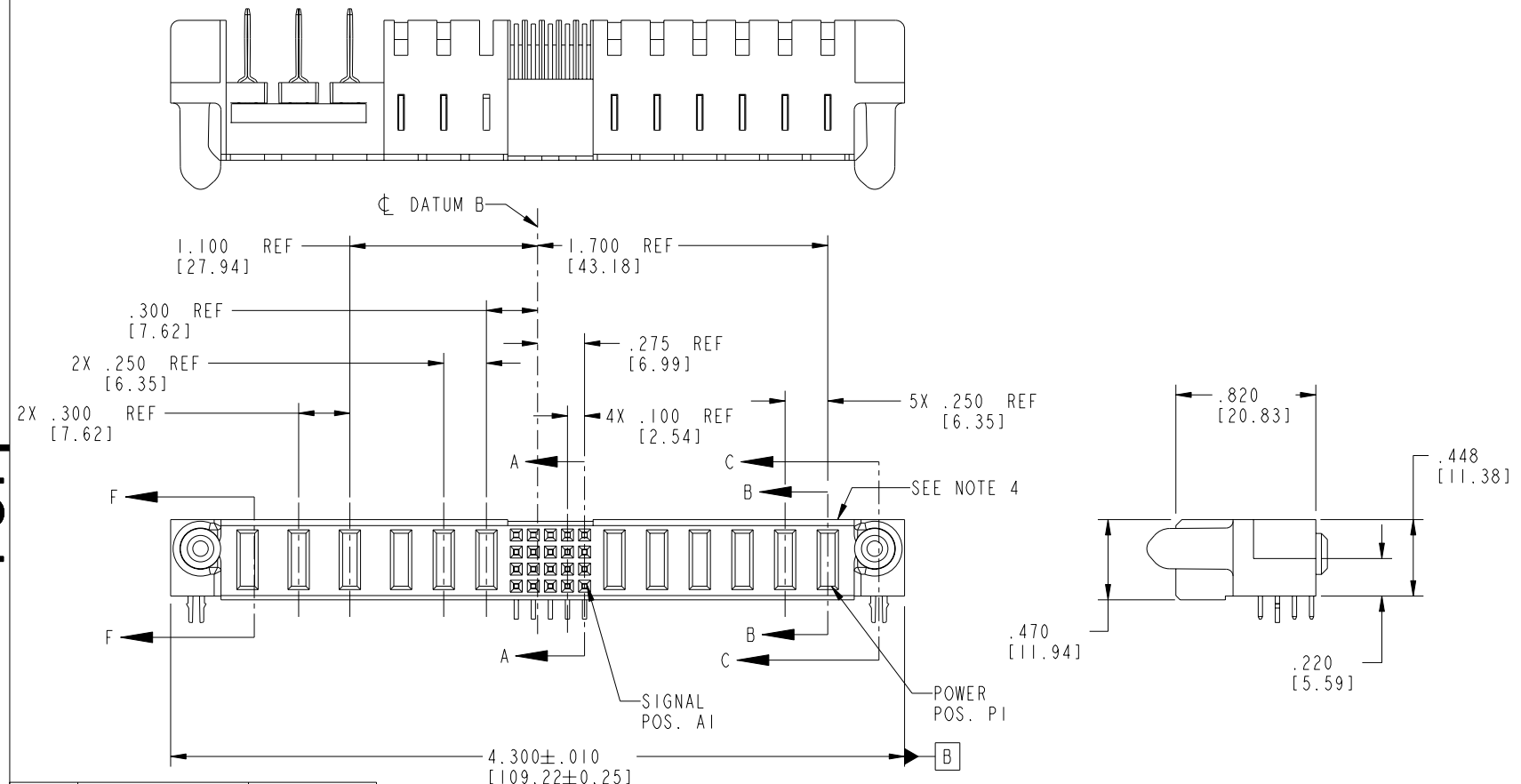
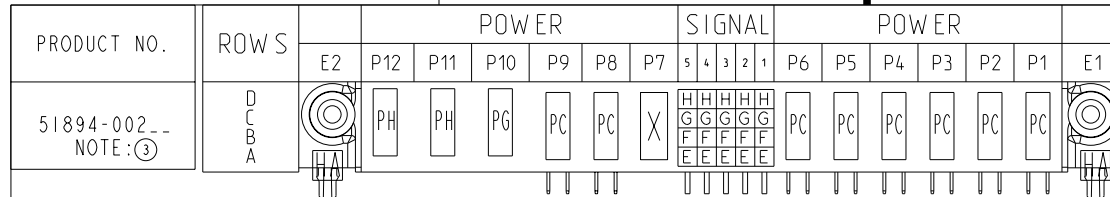


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FCI



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

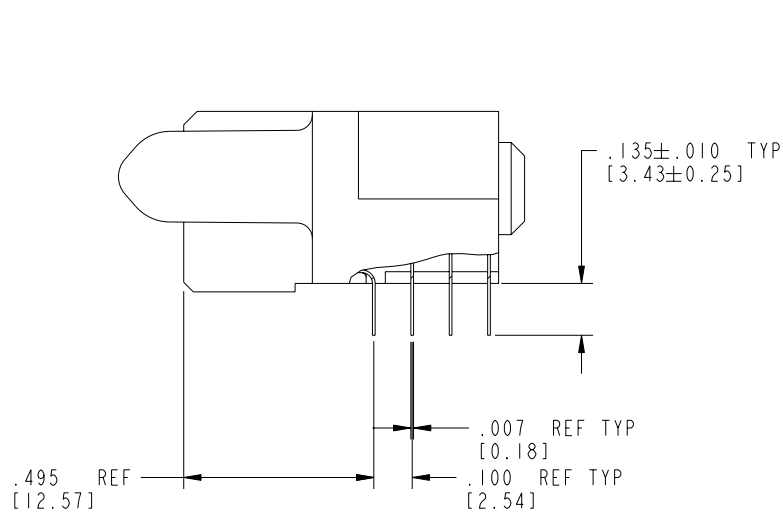
mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3 .XXX±.005/0.XX±0.13 .XXX±.0020/0.XX±0.051	COPY	projection		
A	V03-0278	DAI	03/11/03					title 6P+20S+3P+3ACP	
B	DG05-0308	CS	09/01/05	angles	0°±2°			R/A SOLDER RECEPTACLE	
				dr	D. INGRAM 03/11/03			product family PwrBlade code 213	
				enrg	M. MOSTOLLER 03/11/03			size dwg no	
				chr	M. MOSTOLLER 03/11/03			A 51894-002	
				appd	M. MOSTOLLER 03/11/03			sheet 1 of 4	
sheet index	revision sheet	B 1	B 2	B 3	B 4			cage code 22526	

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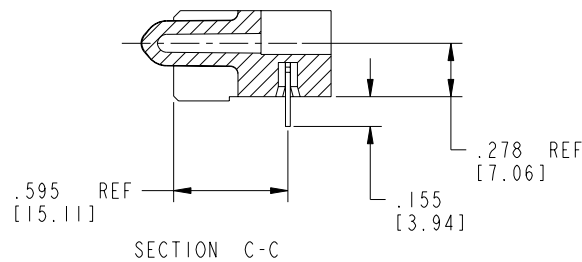
FCI

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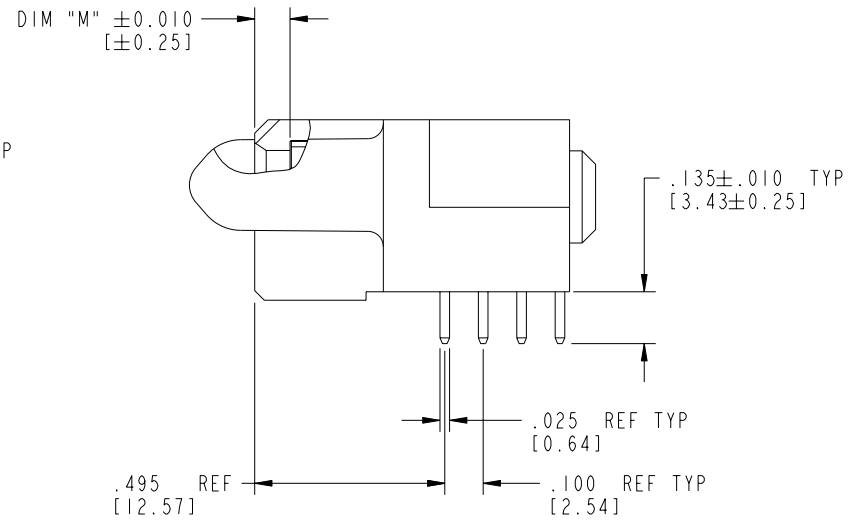
PRODUCT NUMBER
51894-002--
NOTE:③



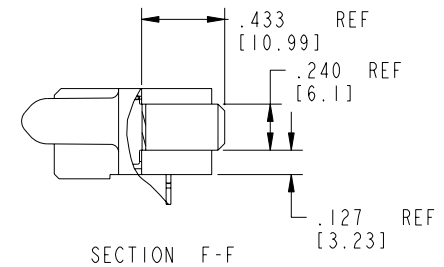
BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION F-F

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			
B									.XXX±.005/0.XX±0.13											
									angles	.XXX±.0020/0.XXX±0.051										
										0°±2°										
										D. INGRAM 03/11/03				product family PwrBlade code 213						
								enrg		M. MOSTOLLER 03/11/03										
										M. MOSTOLLER 03/11/03				scale 1:1						
								appd		M. MOSTOLLER 03/11/03										
sheet index		revision sheet																		

Pro/E

cage code
22526

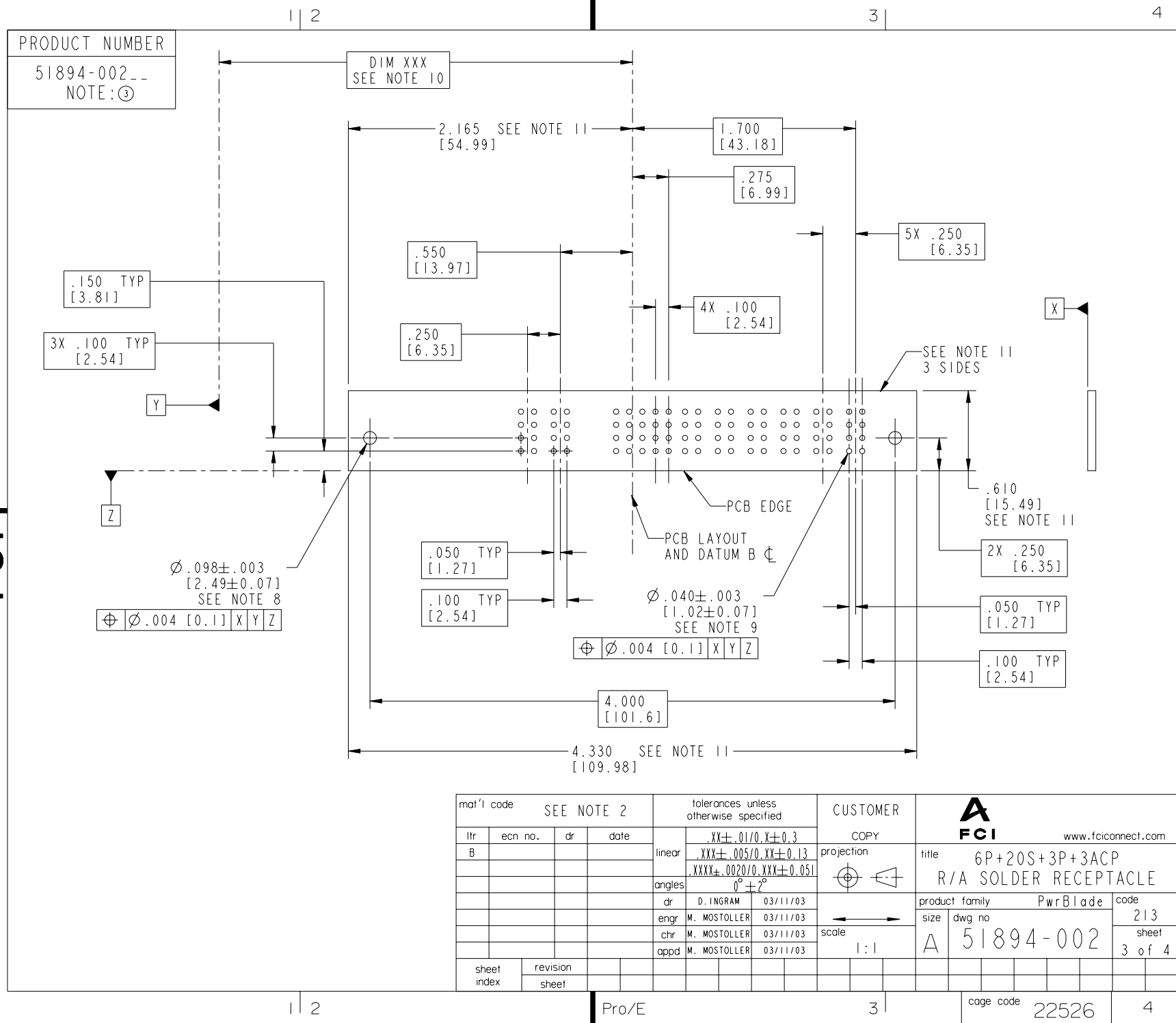
PDM: Rev:B

STATUS: Released

Printed: Aug 14, 2007

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Δ



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:

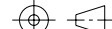
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑧. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

⑨. $\varnothing .0453 \pm .0010$ [1.151 $\pm$ 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		A FCI 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					.XXX±.005/0.XX±0.13		projection				
					.XXX±.0020/0.XXX±0.051						
				angles	0°±2°						
				dr	D. INGRAM	03/11/03			product family PwrBlade		code
				enrg	M. MOSTOLLER	03/11/03			size	dwg no	213
				chr	M. MOSTOLLER	03/11/03	scale		A 51894-002		sheet
				appd	M. MOSTOLLER	03/11/03	1:1				4 of 4
sheet index		revision sheet									

Pro/E

cage code 22526