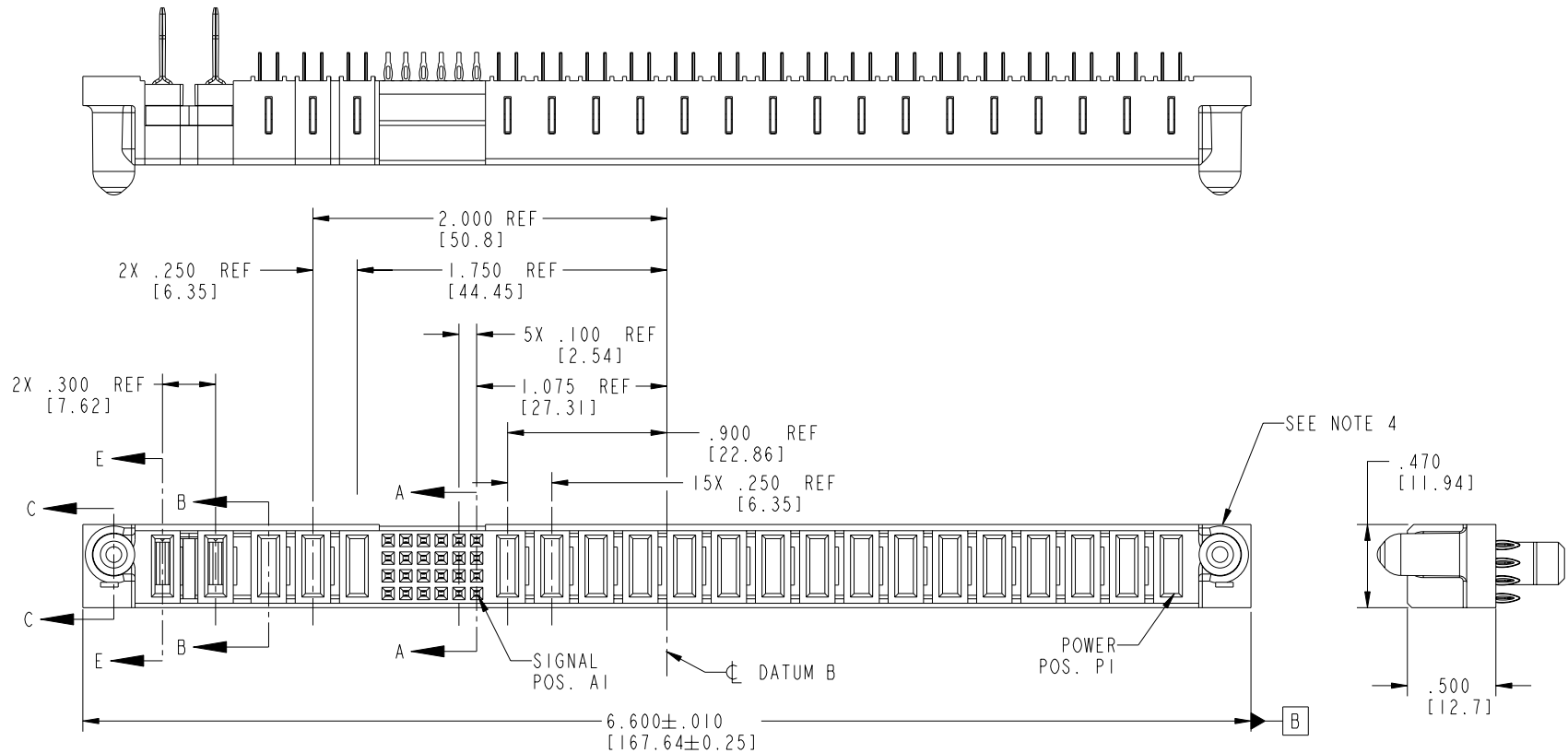


Δ **CO**
E

PRODUCT NO.	ROW S	POWER							SIGNAL					POWER														E1		
		E2	P21	P20	P19	P18	P17	6	5	4	3	2	1	P16	P15	P14	P13	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3		P2	P1
51897-003-- NOTE: 3	D C B A		PH	PH	PF	PF	PC	F	F	F	F	F	F	PF	PF	PF	PF	PF	PF	PF	PF	PF	PF	PF	PF	PF	PF	PF	PF	



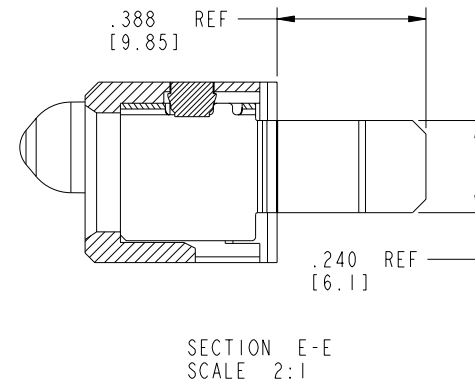
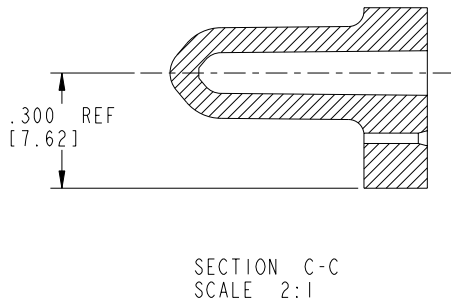
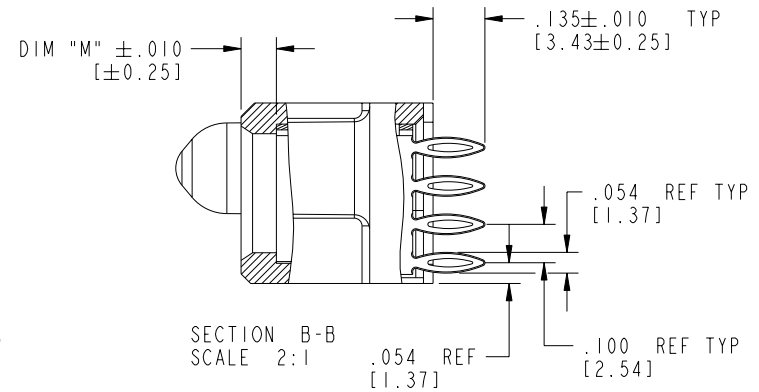
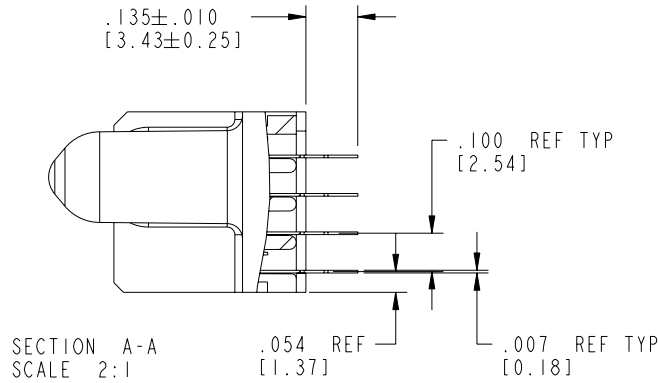
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	N/A [N/A]	SIGNAL
PC	.042 [1.07]	POWER
PF	.092 [2.34]	POWER
PH	.092 [2.34]	POWER

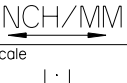
mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com									
lfr		ecn no.		dr		date		linear		$.XX \pm .01 / 0.X \pm 0.3$				COPY				projection  INCH/MM scale 1:1				title 16P + 24S + 2P + 3ACP VERTICAL PRESS-FIT RECEPT product family PwrBlade code 213 sheet 1 of 4			
A		V03-0795		TAB		07/17/03				$.XXX \pm .005 / 0.XX \pm 0.13$															
B		DG05-0240		GuoJM		07/26/05				$.XXXX \pm .0020 / 0.XXX \pm 0.051$															
										angles				$0^\circ \pm 2^\circ$											
								dr		T.BRUNGARD		12/09/02													
								enrg		M. MOSTOLLER		12/09/02													
								chr		M. MOSTOLLER		12/09/02													
								appd		M. MOSTOLLER		12/09/02													
sheet index		revision sheet		B 1		B 2		B 3		B 4															

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

FCI

PRODUCT NUMBER
51897-003--
NOTE: 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	angles	linear	projection		
B				.XX±.01/0.X±0.3		.XXX±.005/0.XX±0.13	projection	title 16P + 24S + 2P + 3ACP VERTICAL PRESS-FIT RECEPT	
				.XXX±.0020/0.XXX±0.051	0° ± 2°	.XXX±.0020/0.XXX±0.051	INCH/MM		
				dr	T.BRUNGARD	12/09/02	 scale 1:1	product family	PwrBlade
				enr	M. MOSTOLLER	12/09/02		size	dwg no
				chr	M. MOSTOLLER	12/09/02		A	51897-003
				appd	M. MOSTOLLER	12/09/02			
sheet index	revision sheet								

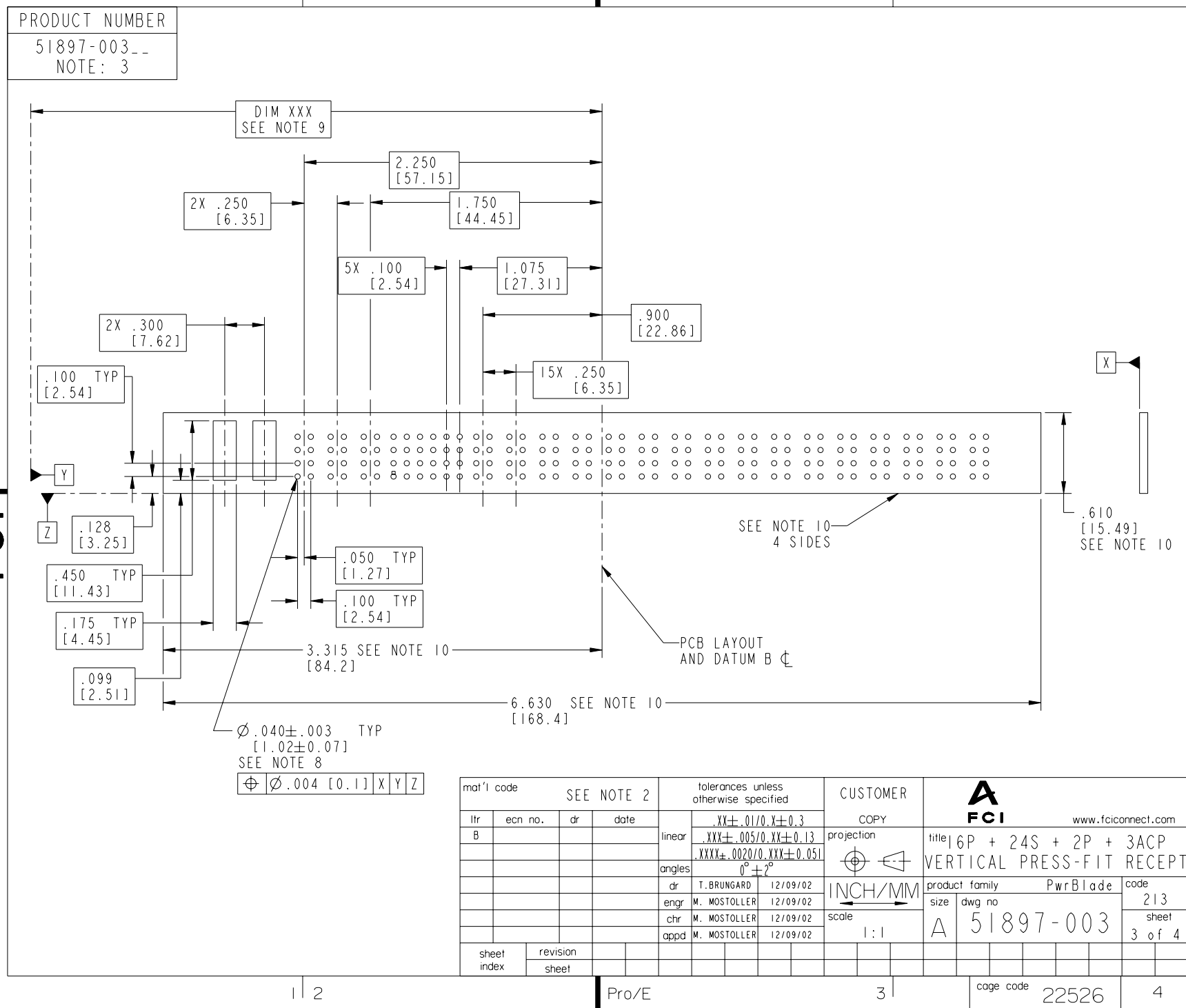
Pro/E

cage code 22526

PDM: Rev:B

STATUS: Released

Printed: Aug 15, 2007



PRODUCT NUMBER
51897-003__
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:

51897-003 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.

51897-003LF 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 51897-003LF 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.
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.

PCB NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

8 $\varnothing .0453 \pm .0010$ [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.

9 "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

10 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		projection  INCH/MM scale 1:1	title16P + 24S + 2P + 3ACP VERTICAL PRESS-FIT RECEPT product familyPwrBlade code213 size dwg no51897-003 sheet4 of 4	
B					.XXX±.005/0.XX±0.13						
					.XXX±.0020/0.XXX±0.051						
				angles	0°±2°						
				dr	T.BRUNGARD	12/09/02					
				engr	M. MOSTOLLER	12/09/02					
				chr	M. MOSTOLLER	12/09/02					
				appd	M. MOSTOLLER	12/09/02					
sheet index		revision sheet									