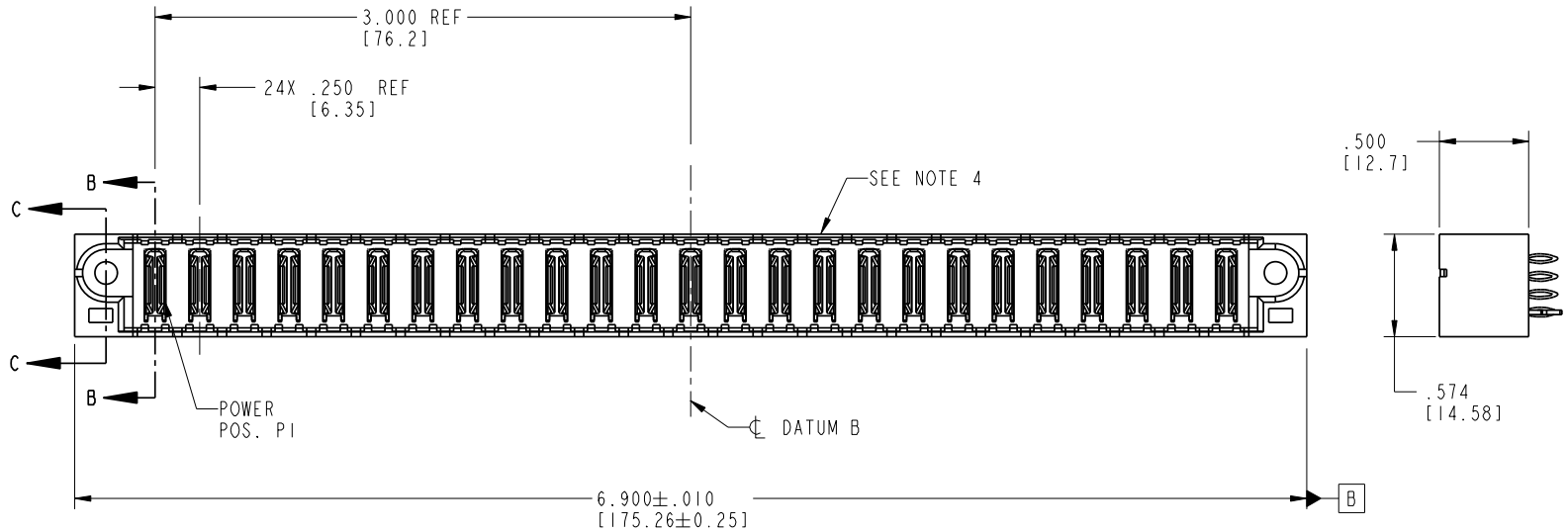


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PRODUCT NO.	POWER																									E2	
	E1	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	P21	P22	P23	P24		P25
51952-014-- NOTE 3		PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title	25P
A	V03-0011	TAB	01/09/03	linear	.XXX±.005/0.XX±0.13	projection		product family	PwrBlade
B	DG05-0478	Ryan	11/18/05	angles	.XXX±.0020/0.XXX±0.051	INCH/MM		size	dwg no
				dr	T. BRUNGARD 01/09/03	scale	1:1	A	51952-014
				engr	M. MOSTOLLER 01/09/03				
				chr	M. MOSTOLLER 01/09/03				
				appd	M. MOSTOLLER 01/09/03				
sheet index	revision	B	B	B	B				
	sheet	1	2	3	4				

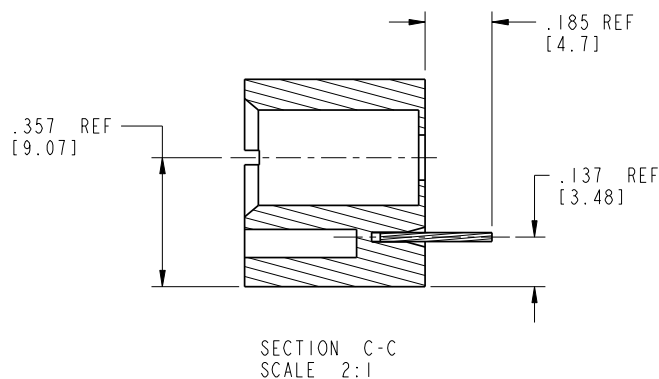
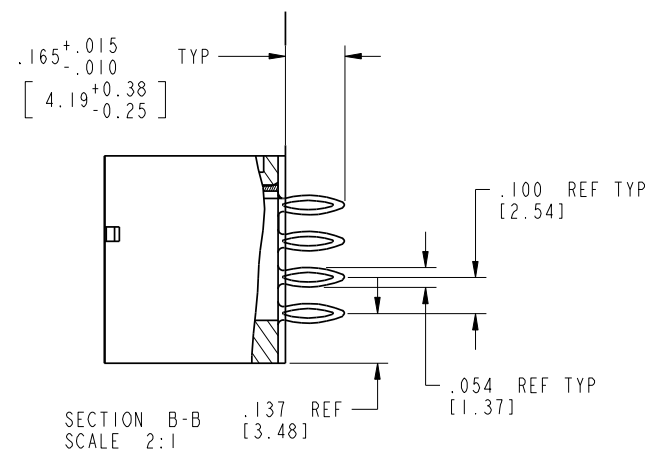
Pro/E

code code 22526

AFI

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51952-014__
NOTE 3



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					title											
B					$.XXX \pm .005 / 0, XX \pm 0.13$									25P											
					$.XXXX \pm .0020 / 0, XXX \pm 0.051$									VERTICAL PRESS-FIT HEADER											
					$0^{\circ} \pm 2^{\circ}$				INCH/MM					product family PwrBlade											
									scale 1:1					code 213											
				angles									size dwg no A 51952-014												
				dr	T. BRUNGARD	01/09/03							sheet 2 of 4												
				engr	M. MOSTOLLER	01/09/03																			
				chr	M. MOSTOLLER	01/09/03																			
				appd	M. MOSTOLLER	01/09/03																			
sheet index		revision sheet																							
Pro/E								3								cage code 22526								4	

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3 |

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PRODUCT NUMBER

51952-014__
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:

51952-014: SIGNAL PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA
POWER PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 100u"/2.54um SnPb OVER 50u"/1.27um Ni ON THE TERMINATION AREA

51952-014LF: SIGNAL PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA
POWER PIN: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA
AND 78u"/2.00um Sn OVER 50u"/1.27um Ni ON THE TERMINATION AREA

PART NUMBER 51952-014LF 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] PRESSED THROUGHS PLATED WITH FCI CAM TOOL 430169-XXX.

.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. FOR PRESS FIT APPLICATION,
USE FCI CAM TOOL 430169-XXX.

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
lfr	ecr no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$	COPY		www.fciconnect.com	
B					$.XXX \pm .005 / 0.XX \pm 0.13$	projection		title 25P	
				angles	$.XXX \pm .0020 / 0.XXX \pm 0.051$			VERTICAL PRESS-FIT HEADER	
				dr	T. BRUNGARD 01/09/03	INCH/MM		product family PwrBlade	
				enrg	M. MOSTOLLER 01/09/03	size		dwg no 213	
				chr	M. MOSTOLLER 01/09/03	scale		A 51952-014	
				appd	M. MOSTOLLER 01/09/03	1:1		sheet 4 of 4	
sheet index	revision	sheet							

A

B

1 | 2

Pro/E

3 |

cage code 22526

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