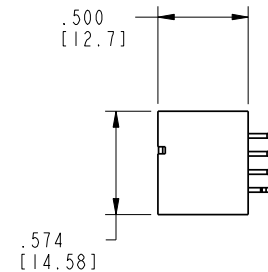
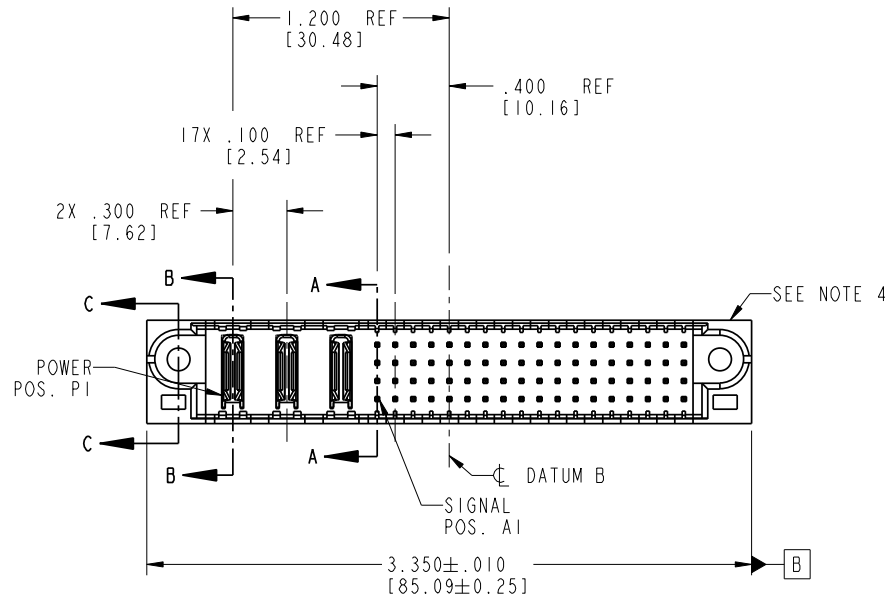


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PRODUCT NO.	ROWS	POWER				SIGNAL																E2
		E1	P1	P2	P3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
51952-048-- NOTE 3	0 C B A		PA	PA	PA																	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com		
lir	ecr no.	dr	date	linear	.XX±.01/0.X±0.3		COPY			title 3ACP + 72S VERTICAL SOLDER HEADER		
A	V04-1033	TAB	10/19/04		.XXX±.005/0.XX±0.13		projection					
B	DG05-0515	Ryan	12/06/05		.XXXX±.0020/0.XXX±0.051							
				angles	0°±2°		INCH/MM			product family PwrBlade		
				dr	T. BRUNGARD	10/19/04	scale 1:1			size A	dwg no 51952-048	code 213 sheet 1 of 4
				enrg	M. GRAY	10/19/04						
				chr	M. GRAY	10/19/04						
				appd	M. GRAY	10/19/04						
sheet index		revision		B	B	B	B					
		sheet		1	2	3	4					

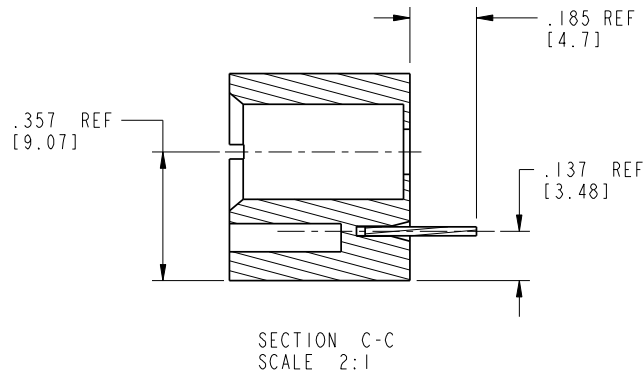
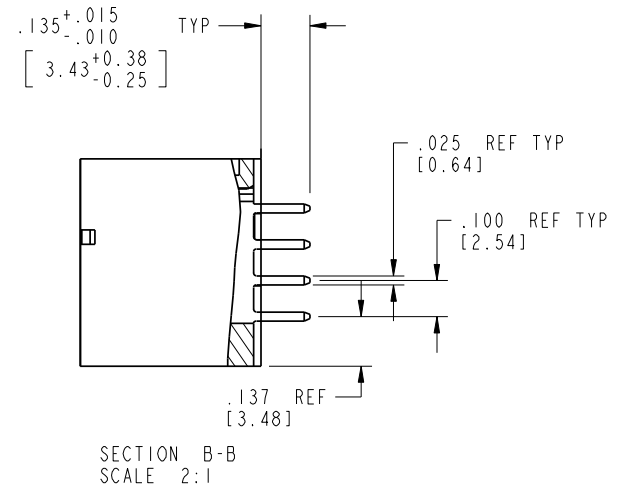
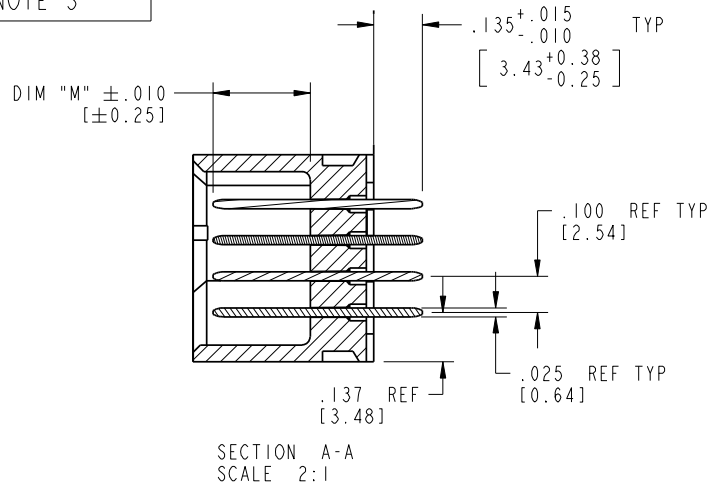
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PRODUCT NUMBER
51952-048--
NOTE 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
B				linear	.XXX±.005/0.XX±0.13	projection		title 3ACP + 72S	
				angles	.XXX±.002/0.XXX±0.051			VERTICAL SOLDER HEADER	
				dr	T. BRUNGARD 10/19/04	INCH/MM		product family PwrBlade	
				enrg	M. GRAY 10/19/04	scale		code 213	
				chr	M. GRAY 10/19/04	1:1		size A	
				appd	M. GRAY 10/19/04			dwg no 51952-048	
sheet index	revision	sheet						sheet 2 of 4	

cage code 22526

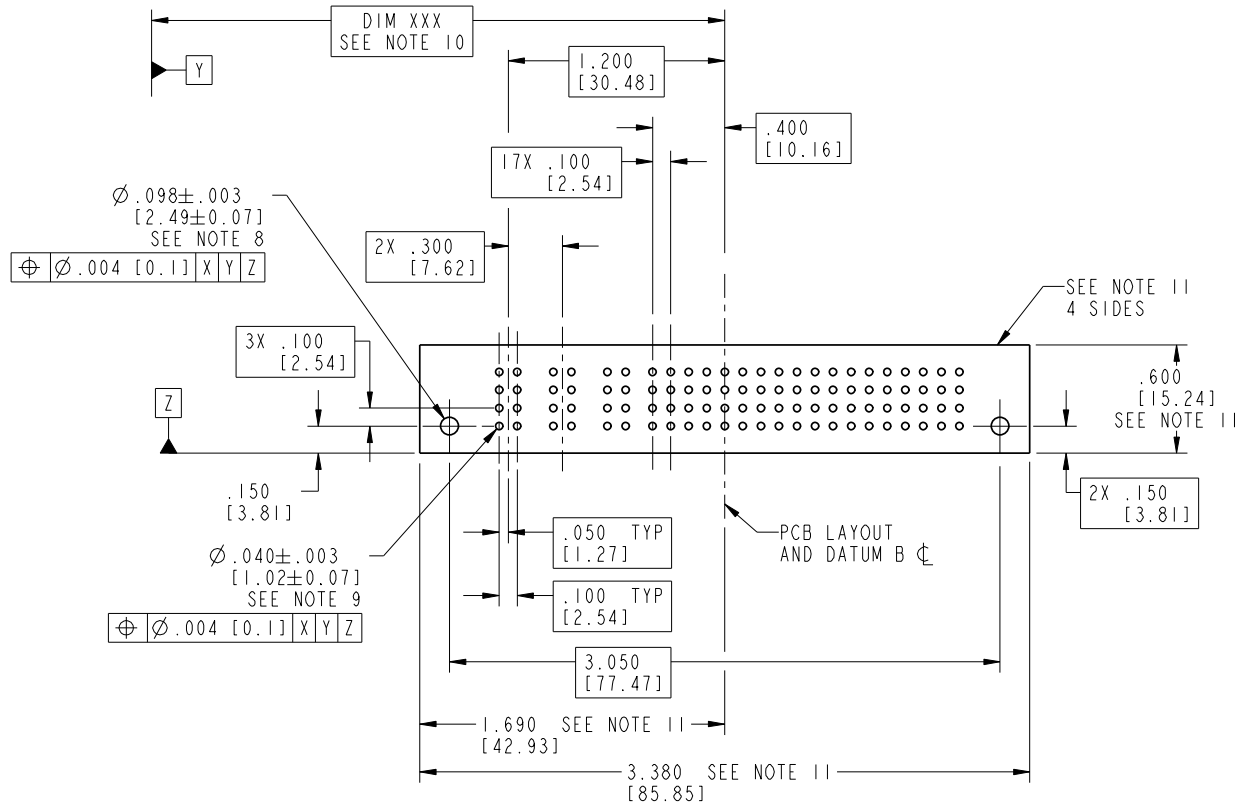
Pro/E

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PRODUCT NUMBER
51952-048--
NOTE 3



mat'l code				tolerances unless otherwise specified		CUSTOMER	
lir	ecn no.	dr	date	linear	angular	COPY	
B				.XXX±.01/0.X±0.3	.XXX±.005/0.XX±0.13	projection	title
				.XXX±.002/0.XXX±0.051	.XXX±.002/0.XXX±0.051		3ACP + 72S
				dr	T. BRUNGARD 10/19/04	INCH/MM	product family
				enrg	M. GRAY 10/19/04	scale	PwrBlade
				chr	M. GRAY 10/19/04	1:1	code
				appd	M. GRAY 10/19/04		213
sheet index	revision	sheet					sheet
							3 of 4

Pro/E

code code 22526

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B

1 | 2

3 |

4

PRODUCT NUMBER

51952-048--
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:

51952-048: 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

51952-048LF: 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 51952-048LF 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				tolerances unless otherwise specified		CUSTOMER	
lfr	ecn no.	dr	date	linear	projection	COPY	
B				$.XX \pm .01 / 0.X \pm 0.3$		FCI www.fciconnect.com	
				$.XXX \pm .005 / 0.XX \pm 0.13$			
				$.XXX \pm .0020 / 0.XXX \pm 0.051$		title 3ACP + 72S VERTICAL SOLDER HEADER	
				angles $0^\circ \pm 2^\circ$			
				dr T. BRUNGARD 10/19/04	INCH/MM scale 1:1	product family PwrBlade	
				enrg M. GRAY 10/19/04		size A	code 213
				chr M. GRAY 10/19/04		dwg no 51952-048	sheet 4 of 4
				appd M. GRAY 10/19/04			
sheet index	revision sheet						

A

B

1 | 2

Pro/E

3 |

cage code 22526

4