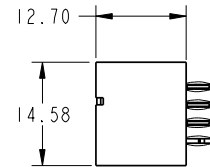
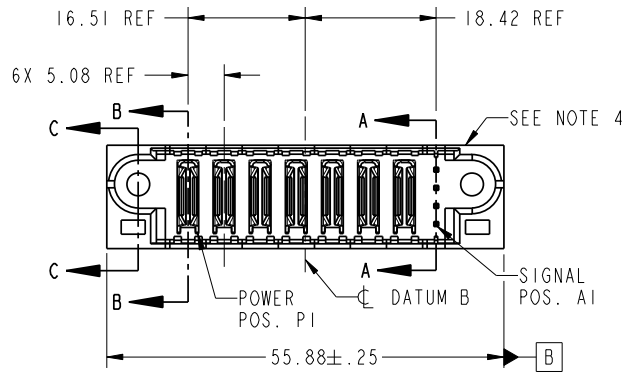


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PRODUCT NO.	ROWS	POWER							SN	E2	
		E1	P1	P2	P3	P4	P5	P6	P7		1
51952-109-- NOTE ③	0 B A		PC	PC	PC	PC	PC	PC	PC	G G G K	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[N/A]	POWER
K	[5.59]	SIGNAL
G	[6.86]	SIGNAL
HA	[N/A]	HOLD-DOWN

mat'l code				tolerances unless otherwise specified				CUSTOMER			
ltr	ecn no.	dr	date	linear	0.X ± 0.3			COPY		www.fciconnect.com	
A	DG06-0518	JMG	12/08/06		0.XX ± 0.13			projection		title	
B	DG07-0357	JULIA	09/10/07	angles	0.XXX ± 0.051					7P + 4S VERTICAL PRESS-FIT HEADER	
				dr	JM GUO	12/08/06				product family	
				engr	RYAN YUAN	12/13/06		MM		PwrBlade	
				chr	BEER FU	12/08/06		scale		code	
				appd	JOSEPH HSIA	12/08/06		1:1		213	
sheet index	revision	B	B	B	B					sheet	
	sheet	1	2	3	4					1 of 4	

cage code 22526

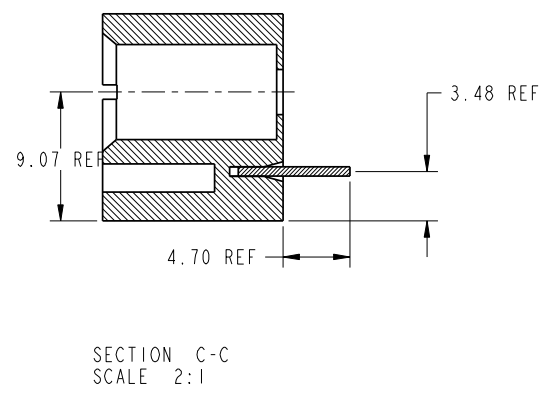
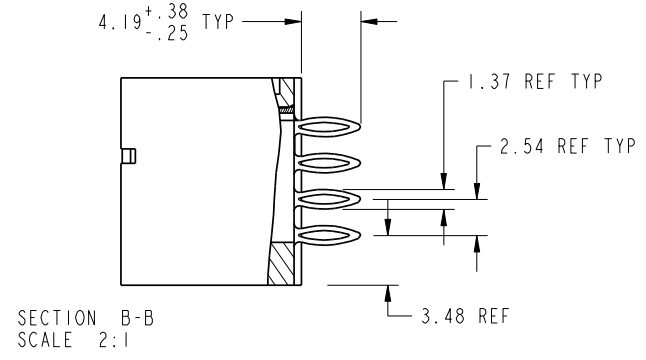
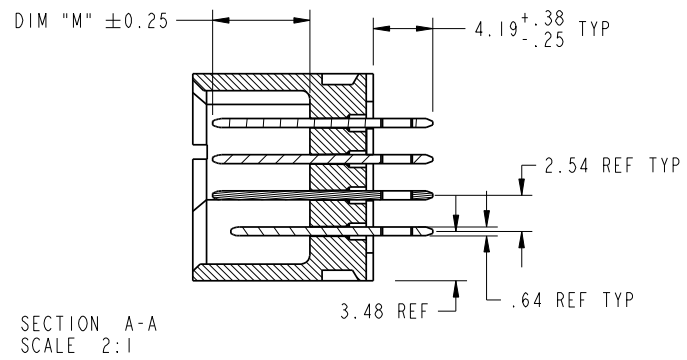
Pro/E

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PRODUCT NUMBER  
51952-109\_\_  
NOTE 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecr no.	dr	date	linear	0.X ±0.3	COPY		www.fciconnect.com	
B				angles	0.XX ±0.13	projection	title 7P + 4S VERTICAL PRESS-FIT HEADER		
				dr	0.XXX ±0.051		product family PwrBlade code 213		
				enrg	0° ±2°	MM	size	dwg no	sheet
				chr	JM GUO 12/08/06	scale	A	51952-109	2 of 4
				appd	RYAN YUAN 12/13/06	1:1			
					BEER FU 12/08/06				
					JOSEPH HSIA 12/08/06				
sheet index	revision sheet								

cage code 22526

Pro/E

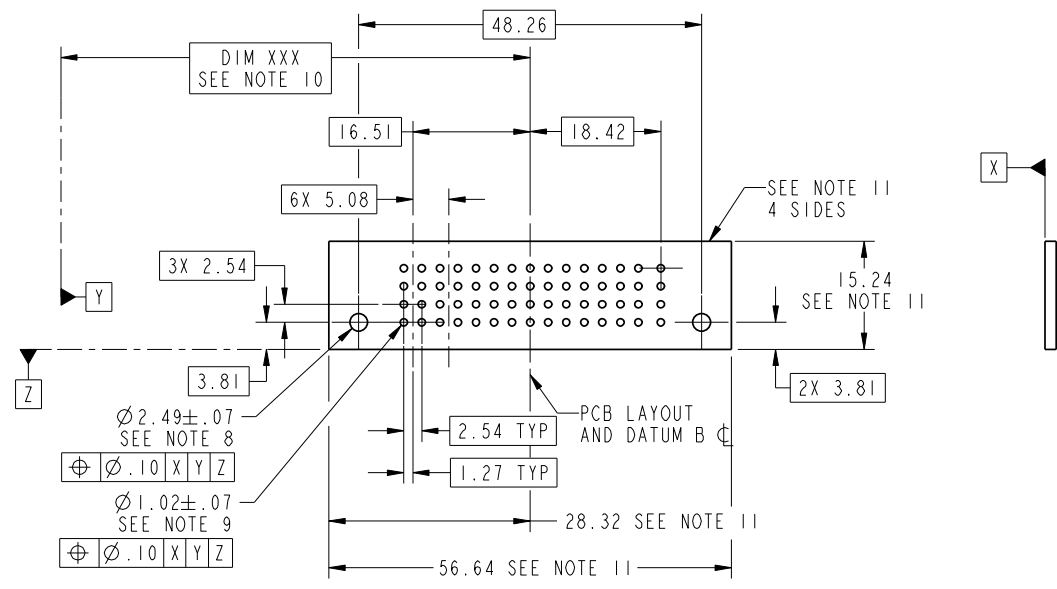
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PRODUCT NUMBER  
51952-109\_\_  
NOTE 3

1 | 2 | 3 | 4



mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
lir	ecr no.	dr	date	linear	0.X ± 0.3	COPY	www.fciconnect.com		
B					0.XX ± 0.13	projection	title 7P + 4S		
				angles	0.XXX ± 0.051		VERTICAL PRESS-FIT HEADER		
				dr	JM GUO 12/08/06	MM	product family	PwrBlade	code
				enrg	RYAN YUAN 12/13/06	scale	size	dwg no	213
				chr	BEER FU 12/08/06	1:1	A	51952-109	sheet
				appd	JOSEPH HSIA 12/08/06				3 of 4
sheet index	revision	sheet							

1 | 2 | Pro/E | 3 | cage code 22526 | 4

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PRODUCT NUMBER  
51952-109\_\_  
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:  
51952-109 ,51952-109LF PLATING SPEC. WAS SHOWN IN THE PRINT OF 10064183.

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  $\varnothing 1.151 \pm 0.025$  DRILLED HOLES PLATED WITH  
0.008 MIN SnPb OR Sn OVER 0.03  
TO 0.08 Cu PLATING TO ACHIEVE  
 $\varnothing 1.02 \pm .07$  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		FCI	
lfr	ecr no.	dr	date	linear	0.X ± 0.3	COPY		www.fciconnect.com	
B				linear	0.XX ± 0.13	projection	title 7P + 4S		
				angles	0.XXX ± 0.051		VERTICAL PRESS-FIT HEADER		
				dr	0° ± 2°		product family	PwrBlade	code
				enr	JM GUO 12/08/06	scale	size	dwg no	213
				chr	BEER FU 12/08/06	1:1	A	51952-109	sheet
				appd	JOSEPH HSIA 12/08/06				4 of 4
sheet index	revision sheet								

cage code 22526

Pro/E