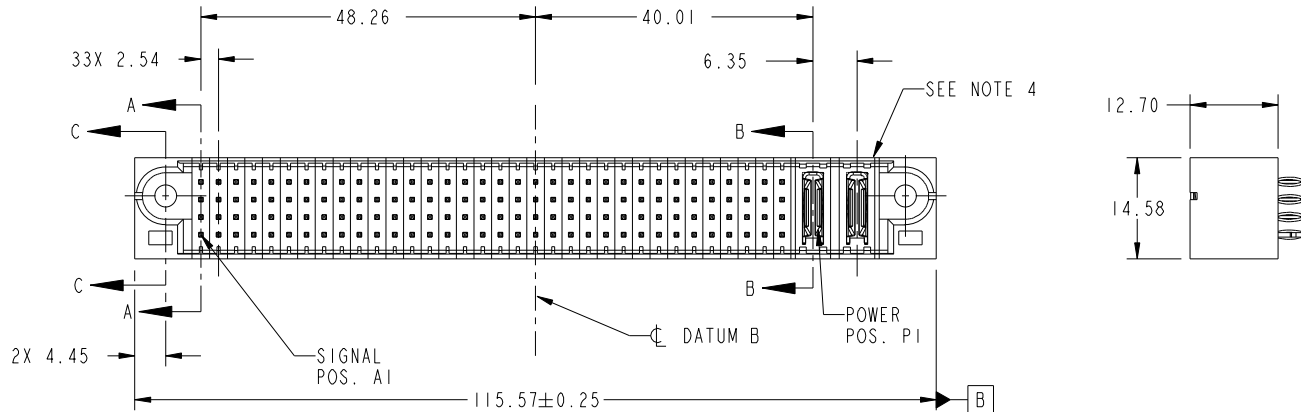


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PRODUCT NO.	ROWS	SIGNAL																																		POWER					
		E1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	P1	P2	E2		
51711-009- NOTE③	D C B A		G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	PC	PC	
			G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
			G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
			G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	



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

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
A	DG10-0361	XQ	10/21/10		0.XX ±0.25	projection		title 136 S + 2 P VERTICAL PF HEADER	
				angles	0.XXX ±0.1			product family PwrBlade code 213	
				dr	XQ Wang 10/14/10	scale	1:1	size dwg no 51711-009 sheet 1 of 4	
				enrg	Jermoe Chen 10/21/10				
				chr	PM ZHENG 10/14/10				
				appd	JOSEPH HSIA 10/14/10				
sheet index	revision sheet	A 1	A 2	A 3	A 4			cage code 22526	

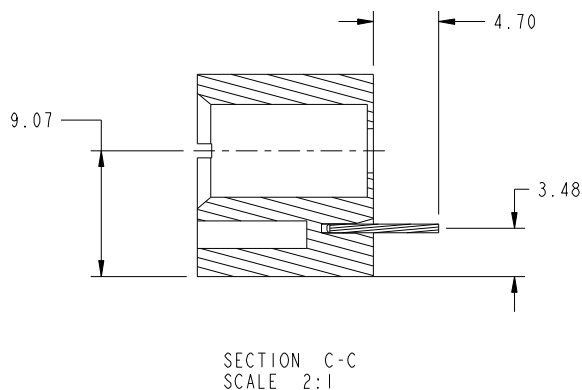
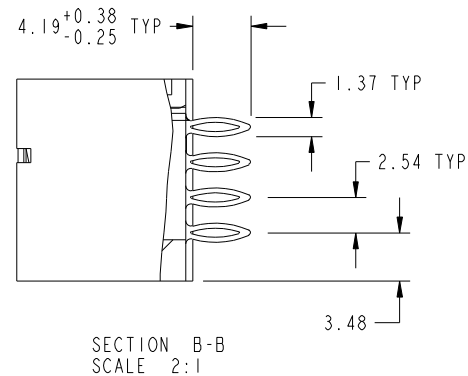
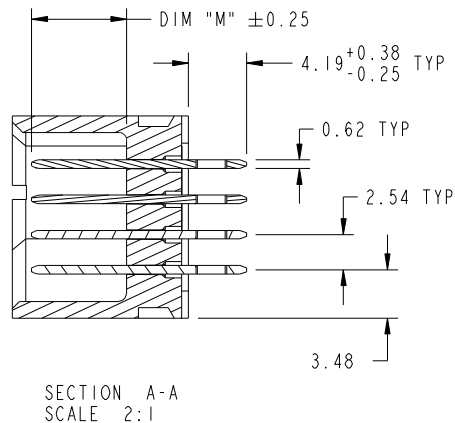
Pro/E

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PRODUCT NUMBER
51711-009--
NOTE 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
A					0.XX ±0.25	projection		title 136 S + 2 P	
				angles	0.XXX ±0.1			VERTICAL PF HEADER	
				dr	0° ±2°			product family PwrBlade	
				engr	XQ Wang 10/14/10			code 213	
				chr	Jermoe Chen 10/21/10			size dwg no	
				appd	PM ZHENG 10/14/10			A 51711-009	
					JOSEPH HSIA 10/14/10	scale		sheet 2 of 4	
sheet index	revision sheet					1:1			

cage code 22526

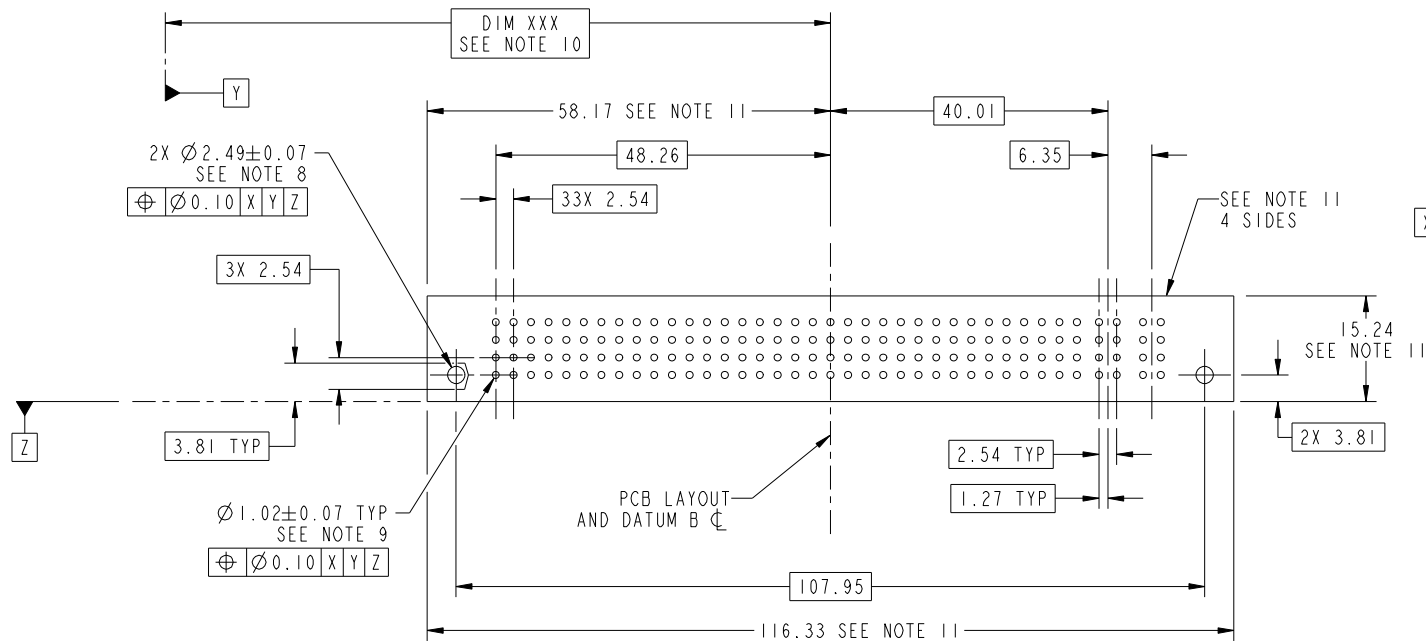
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PRODUCT NUMBER
51711-009--
NOTE 3



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
A				linear	0.XX ±0.25	projection		title 136 S + 2 P	
				angles	0.XXX ±0.1			VERTICAL PF HEADER	
				dr	0° ±2°			product family PwrBlade	
				enrg	XQ Wang 10/14/10			code 213	
				chr	Jermoe Chen 10/21/10			size dwg no	
				appd	PM ZHENG 10/14/10			51711-009	
					JOSEPH HSIA 10/14/10			sheet 3 of 4	
sheet index	revision sheet					scale 1:1		cage code 22526	

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PRODUCT NUMBER
51711-009-- 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. SEE ITEM 3 & 4 IN PRINT 10064183 FOR PLATING SPEC OF 51711-009 AND 51711-009LF RESPECTIVELY.
- 4 MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE P/N CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE 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 .001 [0.03]
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm 0.07$ HOLE.

- 10 "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

- 11 CONNECTOR KEEP-OUT ZONE.

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

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com				
ltr	ecn no.	dr	date	linear	0.X ± 0.5		COPY		projection			
A					0.XX ± 0.25		title					
					0.XXX ± 0.1		136 S + 2 P					
				angles	0° ± 2°				VERTICAL PF HEADER			
				dr	XQ Wang	10/14/10	product family		PwrBlade		code	
				enrg	Jermoe Chen	10/21/10	size		dwg no		213	
				chr	PM ZHENG	10/14/10	scale		A		sheet	
				appd	JOSEPH HSIA	10/14/10	1:1		51711-009		4 of 4	
sheet index		revision sheet										

cage code 22526

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