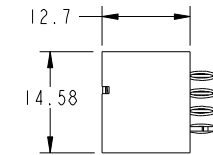
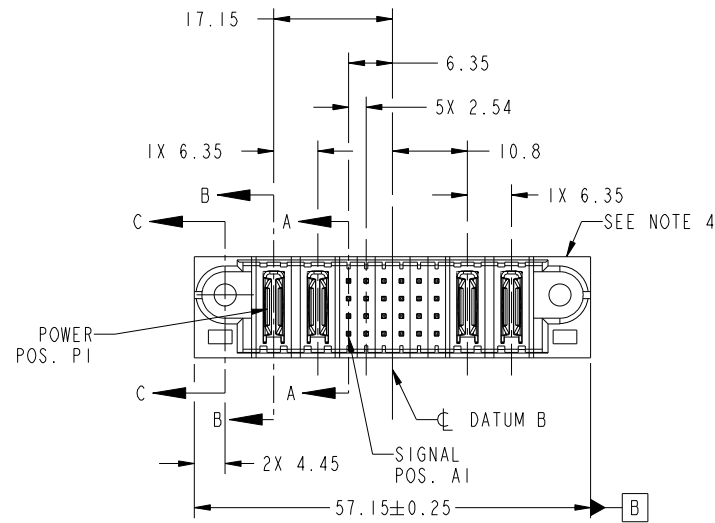


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PRODUCT NO.	ROWS		POWER			SIGNAL						POWER			
		E1	P1	P2	1	2	3	4	5	6	P3	P4	E2		
51710-040-- NOTE ③	D C B A		PC	PC	G	G	G	G	G	G	PC	PC			
					K	G	G	G	G	G					



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				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	DG10-0115	AL	03/24/10	linear		0.X ±0.5		projection		title	
						0.XX ±0.25				2P + 24S + 2P	
				angles		0.XXX ±0.1				VERTICAL PRESS-FIT HEADER	
						0° ±2°		MIM		product family	
				dr	Anson Liu	03/24/10				PwrBlade	
				enrg	Jerome Chen	03/24/10				code	
				chr	PM ZHENG	03/24/10				213	
				appd	JOSEPH HSIA	03/24/10				sheet	
sheet index		revision	sheet	A	A	A	A	scale		1 of 4	
				1	2	3	4	1:1			

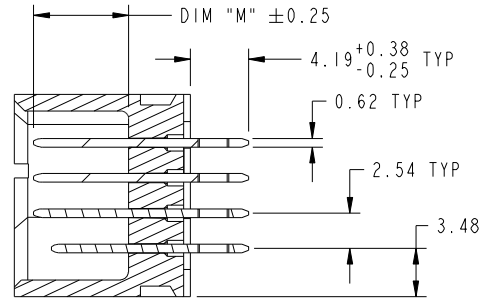
cage code 22526

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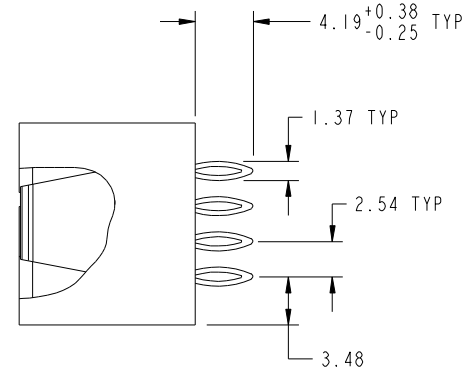


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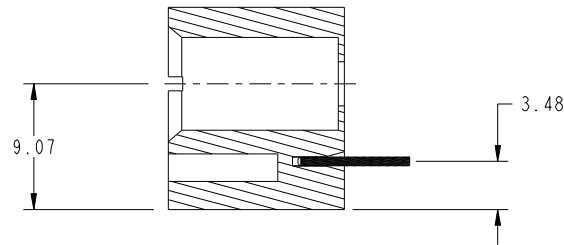
PRODUCT NUMBER
51710-040--
NOTE 3



SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1



SECTION C-C
SCALE 2:1

mat'l code				SEE NOTE		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 2P + 24S + 2P	
						angles	0.XXX ±0.1			VERTICAL PRESS-FIT HEADER	
						angles	0° ±2°				
						dr	Anson Liu 03/24/10	MIM		product family	PwrBlade
						enrg	Jerome Chen 03/24/10	scale		size	213
						chr	PM ZHENG 03/24/10	1:1		dwg no	51710-040
						appd	JOSEPH HSIA 03/24/10			sheet	2 of 4
sheet index	revision sheet										

cage code 22526

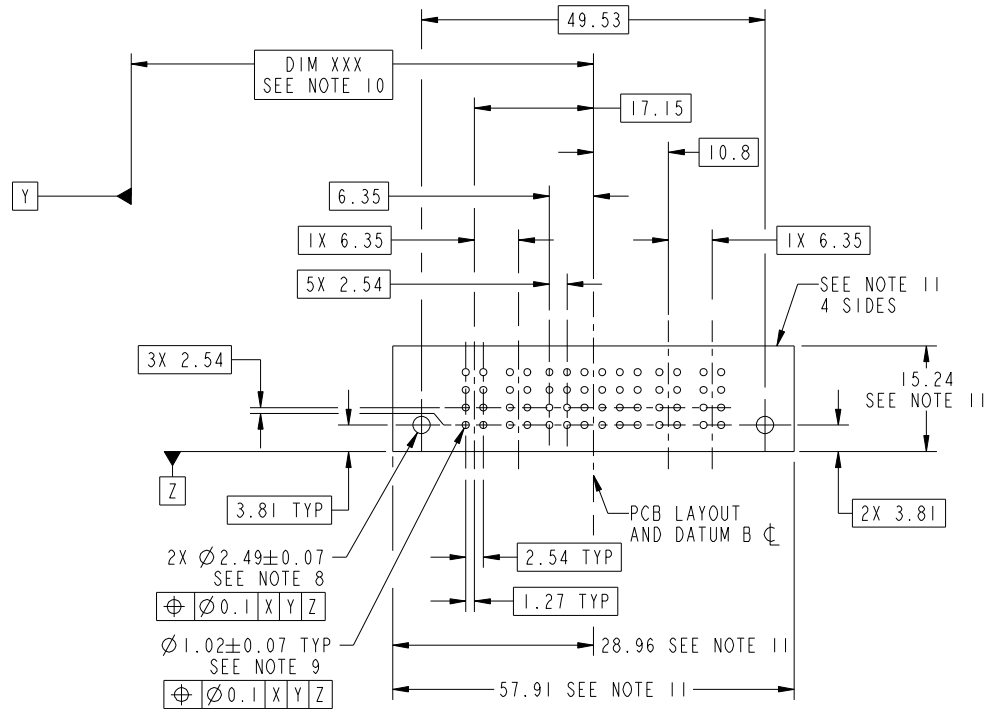
Pro/E

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PRODUCT NUMBER
51710-040--
NOTE 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
litr	ecn no.	dr	date	linear	0.X ± 0.5		COPY		projection 	title	
A					0.XX ± 0.25					2P + 24S + 2P	
					0.XXX ± 0.1					VERTICAL PRESS-FIT HEADER	
				angles	0° ± 2°					product family	
				dr	Anson Liu	03/24/10				PwrBlade	
				engr	Jerome Chen	03/24/10				code	
				chr	PM ZHENG	03/24/10			MM 	size	
				appd	JOSEPH HSIA	03/24/10				dwg no	
							scale		A		51710-040
sheet index	revision sheet										213
											sheet 3 of 4

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PRODUCT NUMBER
51710-040-- 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 51710-040 AND 51710-040LF 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
 $\varnothing 1.02 \pm .07$ 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				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date					COPY		www.fciconnect.com	
A				linear		$0.X \pm 0.5$		projection		title	
						$0.XX \pm 0.25$				2P + 24S + 2P	
				angles		$0.XXX \pm 0.1$				VERTICAL PRESS-FIT HEADER	
						$0^\circ \pm 2^\circ$					
				dr	Anson Liu	03/24/10		MIM		product family	PwrBlade
				enrg	Jerome Chen	03/24/10				size	213
				chr	PM ZHENG	03/24/10		scale		dwg no	sheet
				appd	JOSEPH HSIA	03/24/10		1:1	A	51710-040	4 of 4
sheet index	revision sheet										

cage code 22526