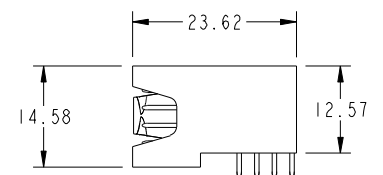
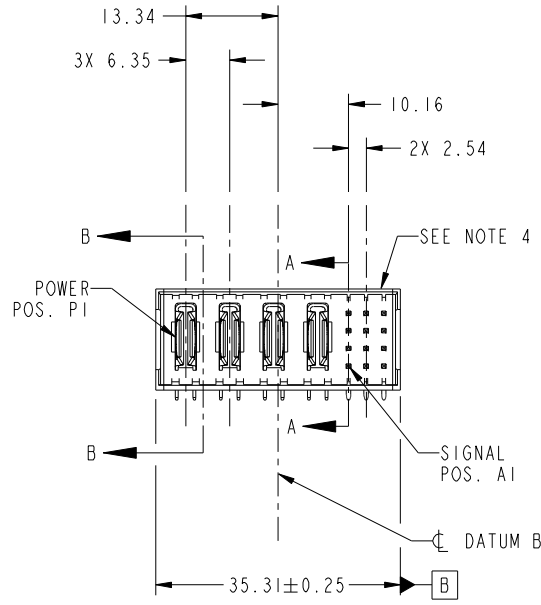


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PRODUCT NO.	ROWS	POWER				S		
		P1	P2	P3	P4	1	2	3
51736-007-- NOTE 3	D C B A	PA	PA	PA	PA	UUU TTT SSS RRR		



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER
E	[5.59]	SIGNAL

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear		0.X ±0.5	COPY		www.fciconnect.com		
A	DG10-0268	AL	07/19/10			0.XX ±0.25	projection		title		
				angles		0.XXX ±0.1			4P + 12S RIGHT ANGLE SOLDER HEADER		
				dr	Anson Liu	07/19/10			product family		PwrBlade
				enrg	Jerome Chen	07/19/10			size		code
				chr	PM ZHENG	07/19/10	scale		dwg no		213
				appd	JOSEPH HSIA	07/19/10	1:1		A		51736-007
sheet index		revision sheet		A	A	A	A			sheet	
				1	2	3	4			1 of 4	

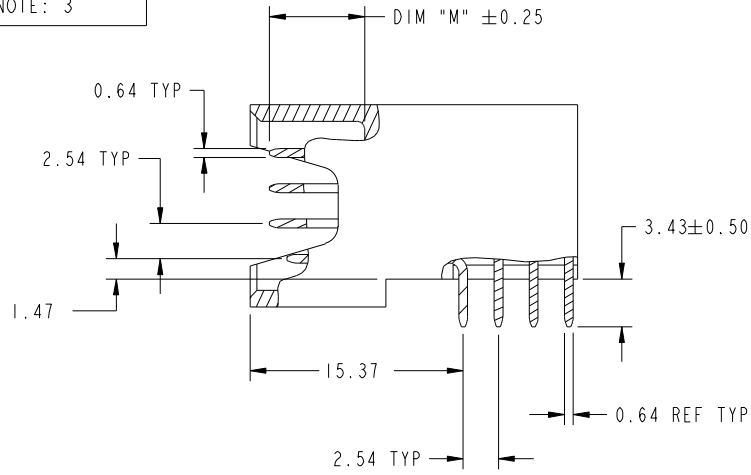
cage code 22526

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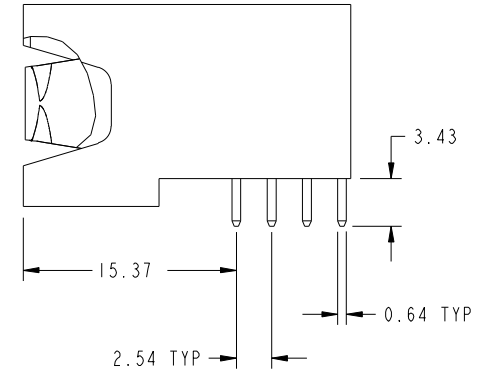
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PRODUCT NUMBER  
51736-007\_  
NOTE: 3



BROKEN-OUT SECTION A-A  
SCALE 2:1



BROKEN-OUT SECTION B-B  
SCALE 2:1

mat'l code		SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
A					0.XX ±0.25	projection		title	
				angles	0.XXX ±0.1			4P + 12S RIGHT ANGLE SOLDER HEADER	
				dr	0° ±2°	MIM		product family PwrBlade code	
				enr	Anson Liu 07/19/10			size	
				chr	Jerome Chen 07/19/10	scale		dwg no	
				appd	PM ZHENG 07/19/10	1:1		A 51736-007	
					JOSEPH HSIA 07/19/10			sheet	
sheet index	revision sheet							2 of 4	

cage code 22526

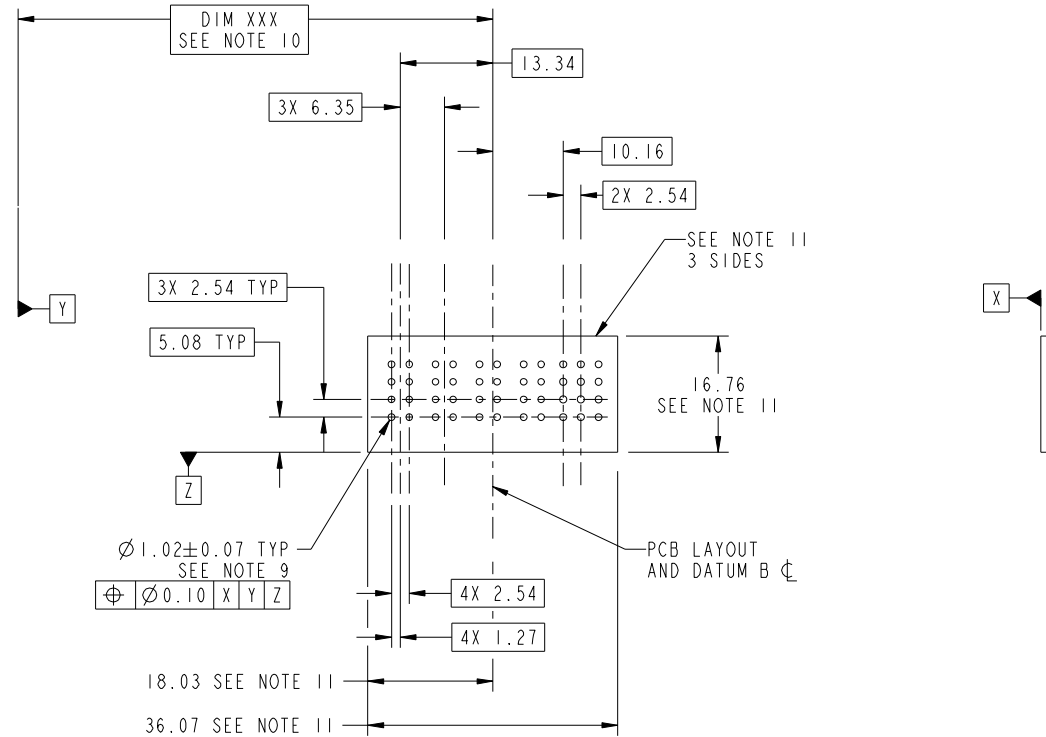
Pro/E

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PRODUCT NUMBER  
51736-007\_  
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code		SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	$0.X \pm 0.5$	COPY		www.fciconnect.com	
A					$0.XX \pm 0.25$	projection	title 4P + 12S RIGHT ANGLE SOLDER HEADER		
				angles	$0.XXX \pm 0.1$				
					$0^\circ \pm 2^\circ$	MIM	product family	PwrBlade	code
				dr	Anson Liu 07/19/10	scale	size	dwg no	213
				enr	Jerome Chen 07/19/10	1:1	A	51736-007	sheet
				chr	PM ZHENG 07/19/10				3 of 4
				appd	JOSEPH HSIA 07/19/10				
sheet index	revision sheet								

cage code 22526

Pro/E

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PRODUCT NUMBER  
51736-007\_  
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 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51736-007 AND 51736-007LF 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 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.

mat'l code		SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ± 0.5	COPY		www.fciconnect.com	
A				linear	0.XX ± 0.25	projection		title 4P + 12S RIGHT ANGLE SOLDER HEADER	
				angles	0.XXX ± 0.1			product family	PwrBlade
				dr	Anson Liu 07/19/10	scale	size	dwg no	213
				enrg	Jerome Chen 07/19/10	1:1	A	51736-007	sheet
				chr	PM ZHENG 07/19/10				4 of 4
				appd	JOSEPH HSIA 07/19/10				
sheet index	revision sheet								

cage code 22526

Pro/E