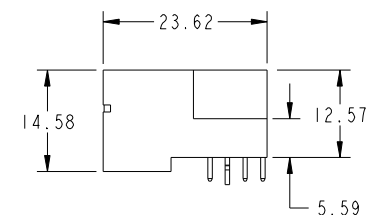
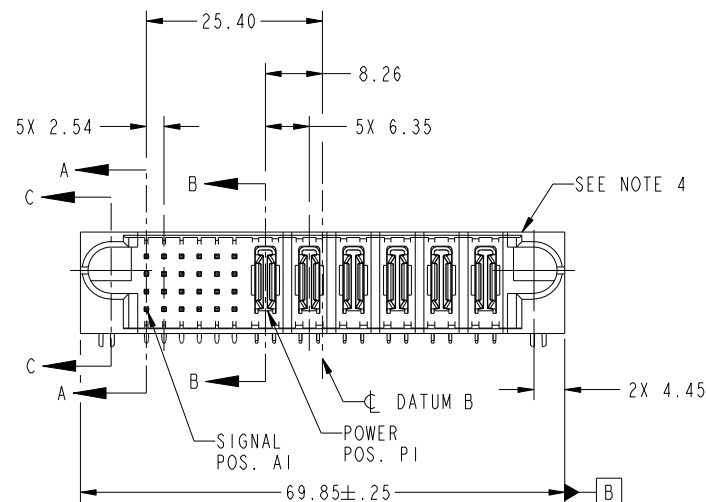


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PRODUCT NO.	ROWS	SIGNAL						POWER								
		E1	1	2	3	4	5	6	P1	P2	P3	P4	P5	P6	E2	
51939-314-- NOTE 3	D C B A		UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	PA	PA	PA	PA	PA	PA	PA	
			UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	PA	PA	PA	PA	PA	PA	PA	



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
HA	[N/A]	HOLD-DOWN
G	[5.59]	SIGNAL

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	DG07-0429	JC	10/25/07	linear		0.X ±0.3		projection		title 24S + 6P RIGHT ANGLE SOLDER HEADER	
				angles		0.XX ±0.13				product family PwrBlade	
				dr	Jerome Chen	08/03/07		MIM		code 213	
				enrg	Jerome Chen	08/03/07		scale		size dwg no	
				chr	Gary Hsieh	08/03/07		1:1		sheet 1 of 4	
				appd	Joseph Hsia	08/03/07				A 51939-314	
sheet index	revision sheet	A	A	A	A					cage code 22526	
		1	2	3	4						

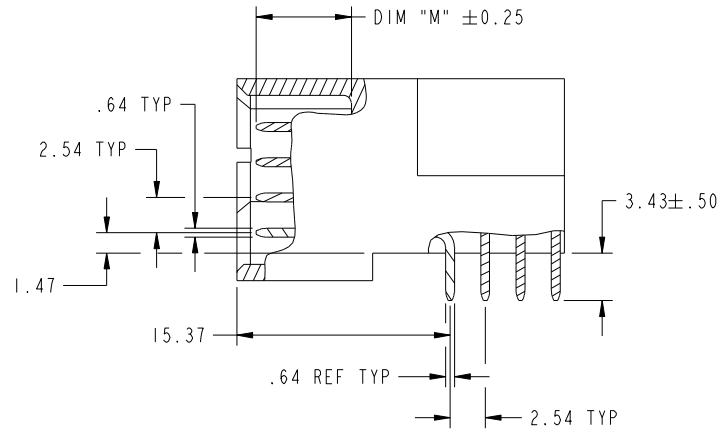
Pro/E

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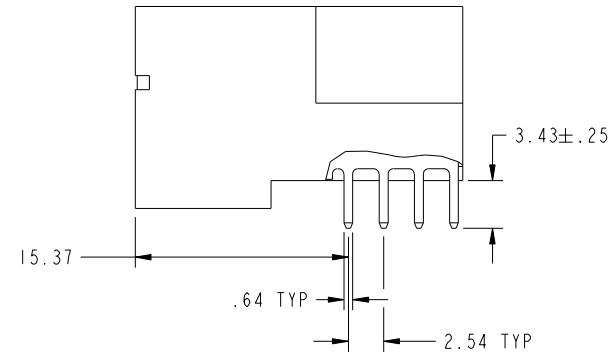


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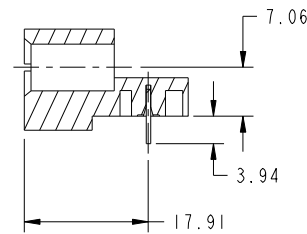
PRODUCT NUMBER
51939-314--
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date			linear	0.X ±0.3	COPY		www.fciconnect.com	
A							0.XX ±0.13	projection		title 24S + 6P RIGHT ANGLE SOLDER HEADER	
						angles	0.XXX ±0.051				
							0° ±2°			product family PwrBlade	
						dr	Jerome Chen 08/03/07			code 213	
						enr	Jerome Chen 08/03/07			size	
						chr	Gary Hsieh 08/03/07			dwg no 51939-314	
						appd	Joseph Hsia 08/03/07			sheet 2 of 4	
sheet index		revision sheet						scale 1:1			

cage code 22526

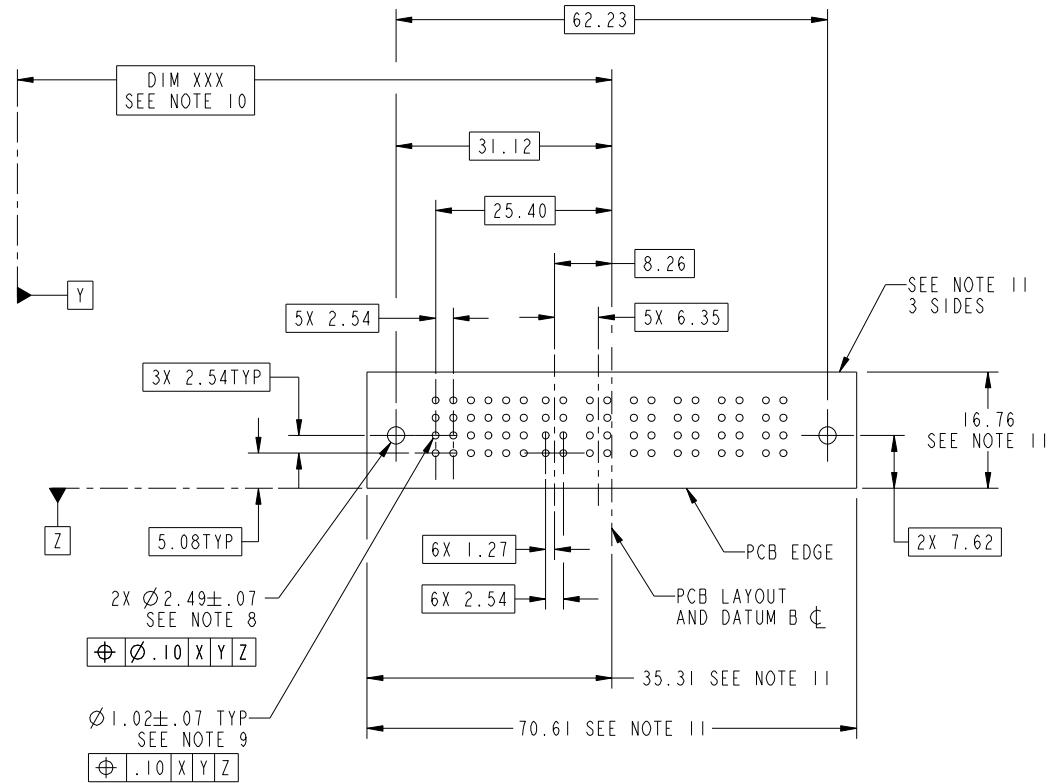
Pro/E

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PRODUCT NUMBER
51939-314--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date			linear	0.X ±0.3	COPY		www.fciconnect.com	
A						angles	0.XX ±0.13	projection		title 24S + 6P	
							0.XXX ±0.051			RIGHT ANGLE SOLDER HEADER	
						dr	0° ±2°			product family PwrBlade	
						enrg	Jerome Chen 08/03/07			code 213	
						chr	Jerome Chen 08/03/07			size dwg no	
						appd	Gary Hsieh 08/03/07			A 51939-314	
							Joseph Hsia 08/03/07			sheet 3 of 4	
sheet index	revision sheet							scale 1:1			

cage code 22526

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PRODUCT NUMBER
51939-314-- 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. 51939-314; 51939-314LF PLATING SPEC. SEE PRINT: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.

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI			
ltr	ecn no.	dr	date					COPY		www.fciconnect.com			
A				linear		$0.X \pm 0.3$		projection		title 24S + 6P			
						$0.XX \pm 0.13$				RIGHT ANGLE SOLDER HEADER			
				angles		$0.XXX \pm 0.051$							
						$0^\circ \pm 2^\circ$		MIM		product family PwrBlade		code 213	
				dr	Jerome Chen	08/03/07				size	dwg no		
				enrg	Jerome Chen	08/03/07		scale		A	51939-314	sheet	4 of 4
				chr	Gary Hsieh	08/03/07		1:1					
				appd	Joseph Hsia	08/03/07							
sheet index		revision sheet											

cage code 22526