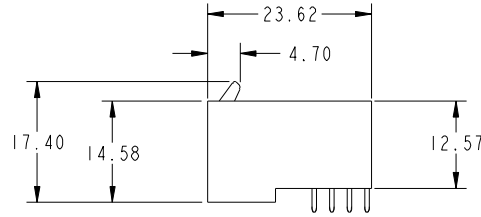
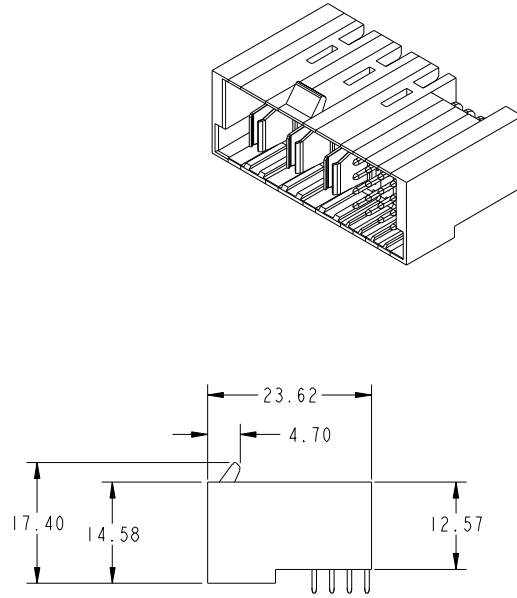
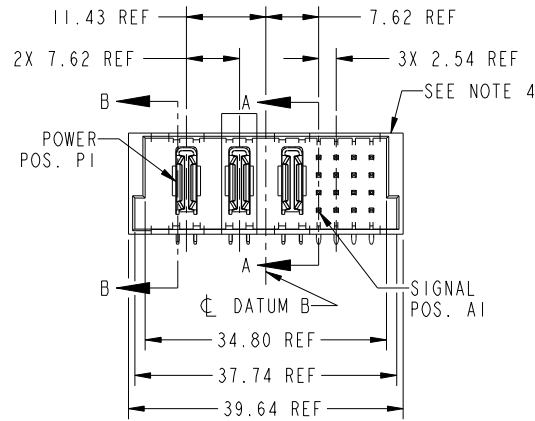


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PRODUCT NO.	ROWS	POWER				SIGNAL				E2
		E1	P1	P2	P3	1	2	3	4	
51939-313_- NOTE 3	D C B A		PA	PA	PA	UUUU	TTTT	SSSS	RRRR	
		UU								



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

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	DG08-0031	JMG	01/31/08				0.XX ±0.13	projection		title 3ACP + 16S	
						angles	0.XXX ±0.051			RA SOLDER HEADER W/O GUIDE	
							0° ±2°			product family PwrBlade	
						dr	JM Guo 08/02/07			size	code
						enrg	Jerome Chen 08/02/07			dwg no	213
						chr	Gary Hsieh 08/02/07			sheet	
						appd	Joseph Hsia 08/02/07			1 of 4	
sheet index	revision sheet	A	A	A	A			scale			
		1	2	3	4			1:1			

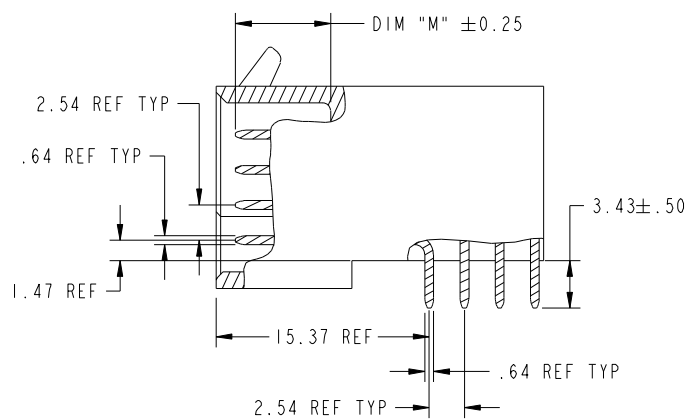
Pro/E	3	4
cage code	22526	

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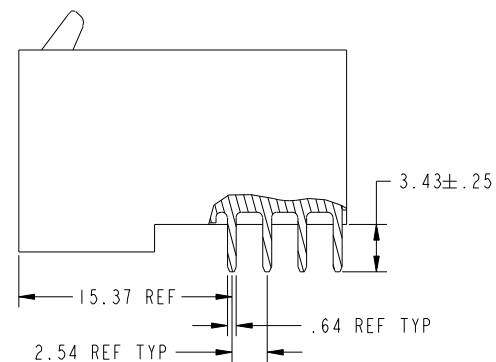


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PRODUCT NUMBER
51939-313-
NOTE: 3



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	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A				linear		0.X ±0.3		projection		title 3ACP + 16S	
						0.XX ±0.13				RA SOLDER HEADER W/O GUIDE	
				angles		0.XXX ±0.051				product family PwrBlade	
				dr	JM Guo	08/02/07				code	213
				enrg	Jerome Chen	08/02/07				size	213
				chr	Gary Hsieh	08/02/07				dwg no	2 of 4
				appd	Joseph Hsia	08/02/07				51939-313	
sheet index	revision sheet							scale 1:1			

cage code 22526

Pro/E

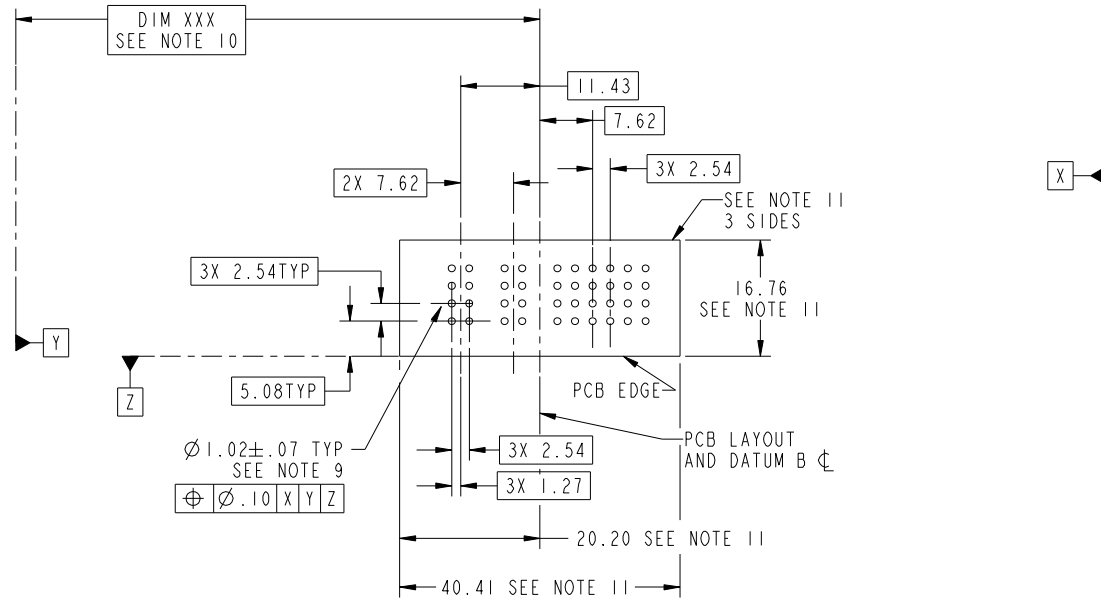
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PRODUCT NUMBER

51939-313--
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						linear	0.XX ± 0.13	projection		title 3ACP + 16S	
						angles	0.XXX ± 0.051			RA SOLDER HEADER W/O GUIDE	
						angles	0° ± 2°			product family PwrBlade	
						dr	JM Guo 08/02/07			code 213	
						enrg	Jerome Chen 08/02/07			size dwg no	
						chr	Gary Hsieh 08/02/07			A 51939-313	
						appd	Joseph Hsia 08/02/07			sheet 3 of 4	
sheet index		revision sheet						scale	1:1	cage code 22526	

Pro/E

3

cage code 22526

4

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PRODUCT NUMBER
51939-313- 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. 51939-313; 51939-313LF PLATING SPEC. SEE PRINT:10064183
 4. NO ANY MARKS 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 3ACP + 16S			
						$0.XX \pm 0.13$				RA SOLDER HEADER W/O GUIDE			
						$0.XXX \pm 0.051$							
				angles		$0^\circ \pm 2^\circ$							
				dr	JM Guo	08/02/07		MIM		product family PwrBlade		code 213	
				enrg	Jerome Chen	08/02/07				size		sheet 4 of 4	
				chr	Gary Hsieh	08/02/07		scale		A		51939-313	
				appd	Joseph Hsia	08/02/07		1:1					
sheet index	revision sheet												

cage code 22526