

Excellent Integrated System Limited

Stocking Distributor

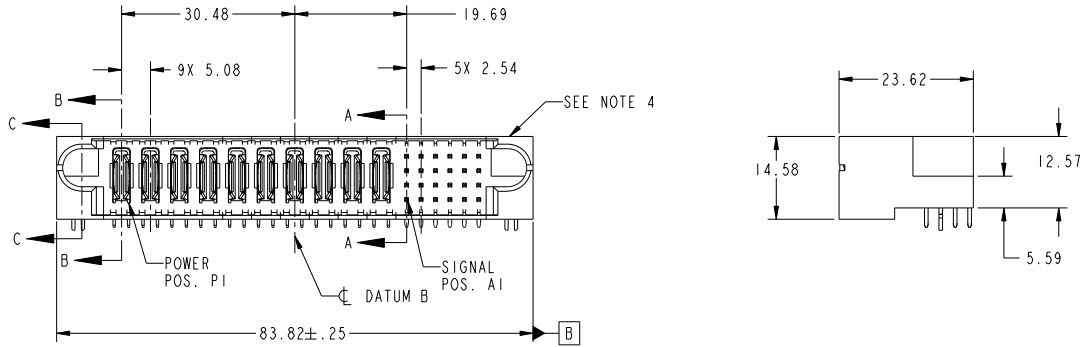
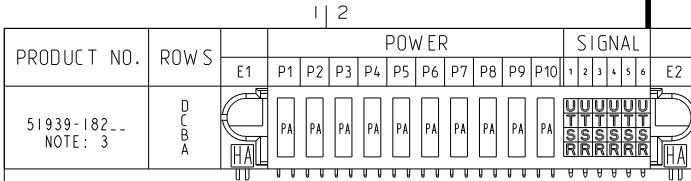
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[51939-182LF](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

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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

mal't code		SEE NOTE		tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date	linear	0.X ±0.5	COPY	www.fciconnect.com title 10P + 24S RIGHT ANGLE SOLDER HEADER product family PwrBlade code 213 size dwg no 51939-182 sheet 1 of 4
A	DG05-0106	SLUO	5/11/05	angles	0.XXX ±0.10	projection	
B	DG05-0116	GuoJM	05/21/05		0° ±2°	MM	
C	DG06-0001	RYAN	01/04/06			scale 1:1	
D	DG07-0498	JW	09/13/08	dr	SLUO 5/11/05		
				enr	SLUO 5/11/05		
				chr	VICTOR LIN 5/11/05		
				appd	JOSEPH HSIA 5/11/05		
sheet index	revision sheet	D 1	D 2	D 3	D 4		

mal't code		SEE NOTE		tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date	linear	0.X ±0.5	COPY	www.fciconnect.com title 10P + 24S RIGHT ANGLE SOLDER HEADER product family PwrBlade code 213 size dwg no 51939-182 sheet 1 of 4
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				enr	SLUO 5/11/05		
				chr	VICTOR LIN 5/11/05		
				appd	JOSEPH HSIA 5/11/05		
sheet index	revision sheet	D 1	D 2	D 3	D 4		

1 | 2

Pro/E

PDM: Rev: D

STATUS: **Released**

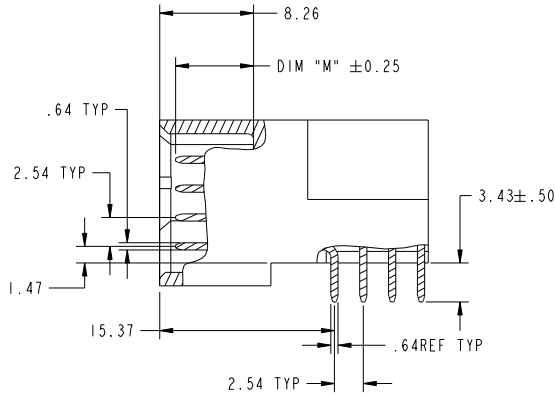
Printed: Dec 20, 2010

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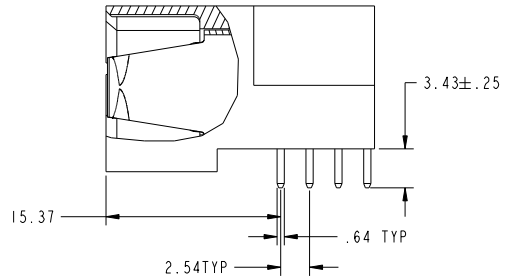
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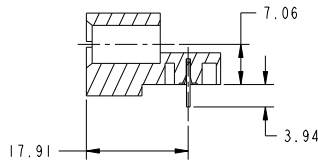
PRODUCT NUMBER
51939-182...
NOTE: 3



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	
lfr	ecn no.	dr	date	linear	0.X ±0.5	projection	COPY	www.fciconnect.com	
D				angles	0.XX ±0.25			title 10P + 24S	
				dr	0.XXX ±0.10			RIGHT ANGLE SOLDER HEADER	
				enr	0° ±2°	MM		product family	PwrBlade
				chr	SLUO 5/11/05	scale	1:1	size	dwg no
				appd	SLUO 5/11/05			A	51939-182
					VICTOR LIN 5/11/05				code
					JOSEPH HSIA 5/11/05				213
sheet index	revision sheet								sheet
									2

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3 |

4

A

A

B

B

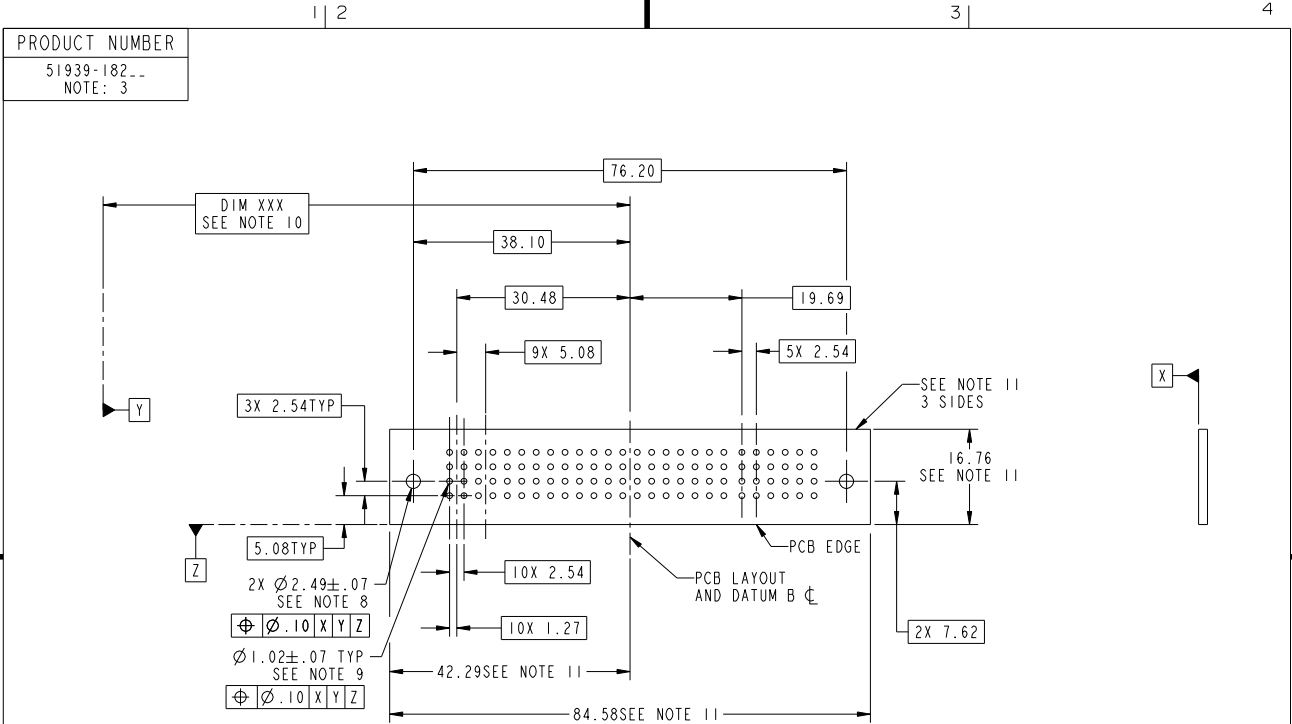
cage code 22536

4

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RECOMMENDED PCB LAYOUT

mat'l code		SEE NOTE		tolerances unless otherwise specified		CUSTOMER	
lfr	ecm no.	dr	date	linear	0.X ± 0.5	www.fciconnect.com	
D				angles	0.XX ± 0.25	title 10P + 24S	
				dr	0.XXX ± 0.10	RIGHT ANGLE SOLDER HEADER	
				enr	0° ± 2°	product family PwrBlade	
				chr	SLUO 5/11/05	code 213	
				appd	SLUO 5/11/05	size dwg no 51939-182	
					VICTOR LIN 5/11/05	sheet 3	
					JOSEPH HSIA 5/11/05	cage code 22536	
sheet index	revision sheet					Printed: Dec 20, 2010	

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<p>NOTES:</p> <p>1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.</p> <p>CONNECTOR NOTES:</p> <p>2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC POWER CONTACT MATERIAL: COPPER ALLOY SIGNAL PIN MATERIAL: COPPER ALLOY</p> <p>3. PLATING: SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-182; 51939-182LF PRESPECTIVELY</p> <p>4. MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.</p> <p>5. PRODUCT SPECIFICATION GS-12-149. APPLICATION SPECIFICATION BUS-20-067.</p> <p>6. PACKAGED IN TRAYS.</p> <p>PCB NOTES:</p> <p>7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.</p> <p>8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.</p> <p>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.</p> <p>10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.</p> <p>11. CONNECTOR KEEP-OUT ZONE.</p> <p>12. A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.</p>																																																																																																															
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