

Excellent Integrated System Limited

Stocking Distributor

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

[FCI](#)
[51939-400LF](#)

For any questions, you can email us directly:

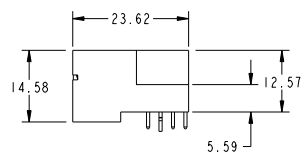
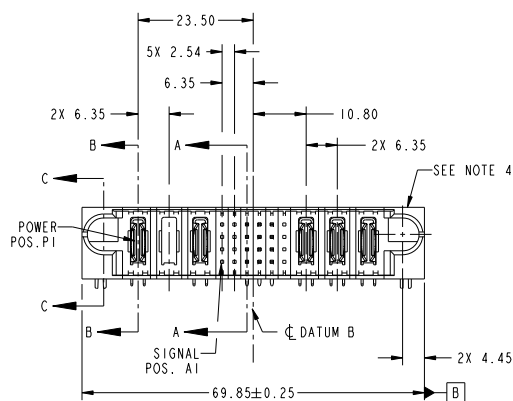
sales@integrated-circuit.com

Tous droits strictement réservés. Reproduction ou communication à des tiers
interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire.
Propriété de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor of FCI. Copyright FCI.

1 2															
PRODUCT NO.	ROW S	POWER				SIGNAL				POWER			E2		
		E1	P1	P2	P3	1	2	3	4	5	6	P4		P5	P6
51939-400- NOTE 3	D C B A		PA	X	PA	X	X	X	X	X	X	PA	PA	PA	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
H	[5, 59]	SIGNAL
G	[5, 59]	SIGNAL
F	[5, 59]	SIGNAL
E	[5, 59]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD - DOWN
X	OMITTED	

mat'l code				SEE NOTE 2		tolerances unless otherwise specified	
lfr	ecn no.	dr	date	linear	$0.X \pm 0.3$		
A	DG09-0058	WD	03/02/09		$0.XX \pm 0.13$		
					$0.XXX \pm 0.051$		
					$0.XX \pm 2^\circ$		
				angles			
				dr	Warren Du	11/26/08	
				engr	Warren Du	11/26/08	
				chr	Gary Hsieh	11/26/08	
				appd	Joseph Hsio	11/26/08	
sheet	revision	A	A	A	A		
index	sheet	1	2	3	4		

CUSTOMER		FCI					
COPY						www.fciconnect.com	
projection	title						
	3P + 24S + 3P RIGHT ANGLE SOLDER HEADER						
MM	product family					code	
	size dwg no					213	
scale	A	51939-400					sheet 1 of

Pro/E

cage code	22526
-----------	-------

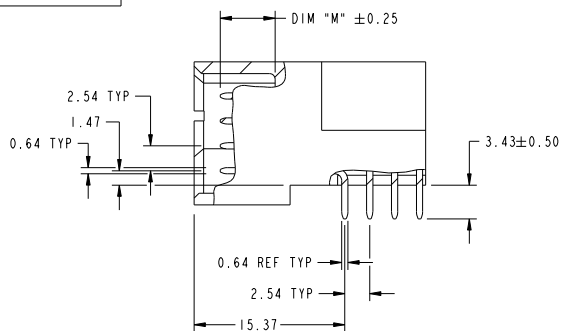
Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de FCI. Droits de reproduction FCI.

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

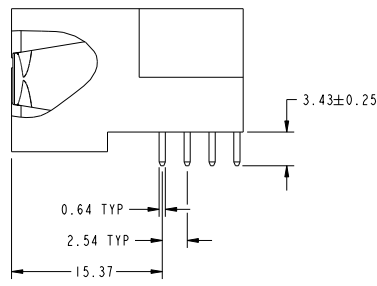


PRODUCT NUMBER

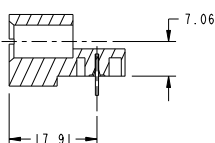
51939-400-
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecm no.	dr	date	linear	0.X ±0.3	0.XX ±0.13	0.XXX ±0.051	COPY	projection	title	www.fciconnect.com
A				angles	0° ±2°					3P + 24S + 3P	
				dr	Warren Du	11/26/08				RIGHT ANGLE SOLDER HEADER	
				engr	Warren Du	11/26/08				product family	PwrBlade
				chr	Gary Hsieh	11/26/08				size	dwg no
				appd	Joseph Hsia	11/26/08				A	51939-400
sheet index	revision sheet							scale	1:1		213 sheet 2 of 4
										cage code	22526

Pro/E

PDM: Rev:A

STATUS:Released

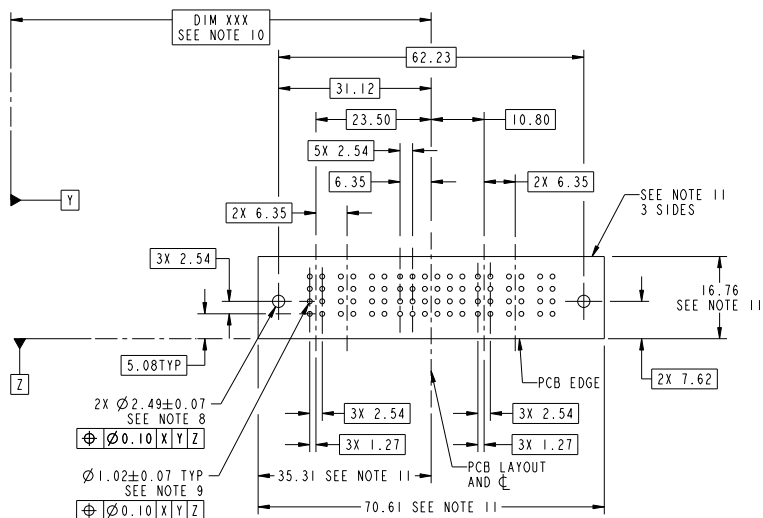
Printed: Dec 20, 2010

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER
51939-400-
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date			linear	0.X ± 0.3	COPY		www.fciconnect.com	
A							0.XX ± 0.13	projection			
						angles	0.XXX ± 0.051				
						dr	0° ± 2°				
						enr	Warren Du 11/26/08				
						chr	Warren Du 11/26/08				
						appd	Gary Hsieh 11/26/08				
							Joseph Hsia 11/26/08				
sheet index	revision	sheet						scale	1:1		

Pro/E

cage code 22526

PDM: Rev:A

STATUS: Released

Printed: Dec 20, 2010

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER

51939-400-
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 51939-400 AND 51939-400LF RESPECTIVELY.
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 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	angles	dr	engr	chr	appd	projection	title
A											3P + 24S + 3P RIGHT ANGLE SOLDER HEADER
							Warren Du	11/26/08			product family PwrBlade code
							Warren Du	11/26/08			size dwg no 213
							Gary Hsieh	11/26/08			sheet 4 of 4
							Joseph Hsia	11/26/08			
sheet index	revision sheet									scale 1:1	

Pro/E

cage code 22526

PDM: Rev:A

STATUS: Released

Printed: Dec 20, 2010