

Excellent Integrated System Limited

Stocking Distributor

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[FCI](#)
[51939-031LF](#)

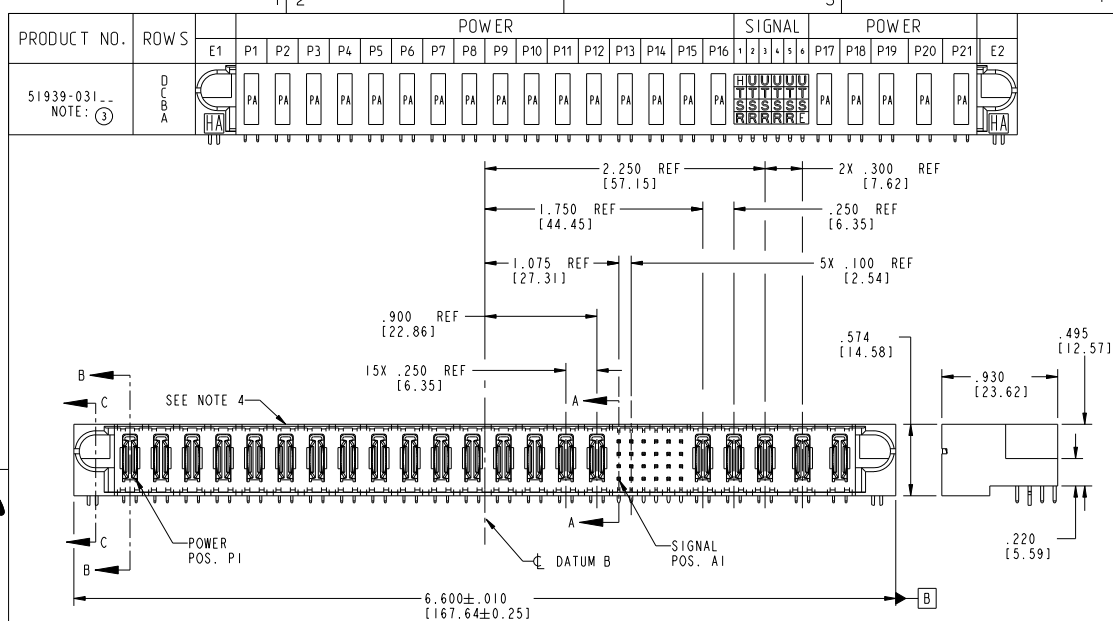
For any questions, you can email us directly:

sales@integrated-circuit.com

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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.220 [5.59]	SIGNAL
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

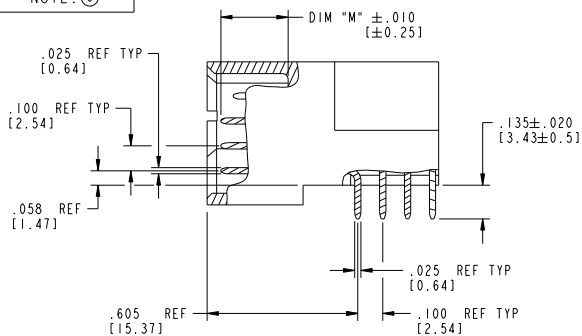
mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
itr	ecn no.	cd	date	linear	$XX \pm 0.10 / X \pm 0.3$ $XXX \pm 0.05 / 0.1X \pm 0.13$ $XXXX \pm 0.02 / 0.1X \pm 0.051$	projection		title	16P + 24S + 2P + 3ACP	size	family
A	D21555	CDG	09/30/02	angles			RIGHT ANGLE	SOLDER HEADER	product	family	code
B	D605-0206	SJC	07/05/05	engr	M. MOSTOLLER 09/30/02	INCH/MM			size	dwg no	213
C	D605-0208	JWG	01/07/06	M. MOSTOLLER 09/30/02		scale			A	51939-031	sheet
D	D608-0273	WD	12/25/08	appd	M. MOSTOLLER 09/30/02	1:1					of 4
sheet index	revision	steel	J	D	D						
		I	2	3	4						

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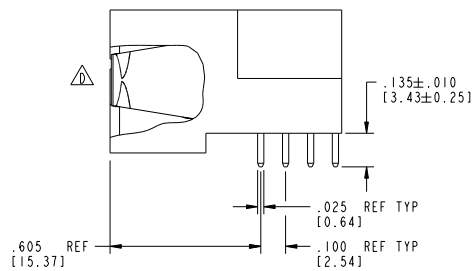


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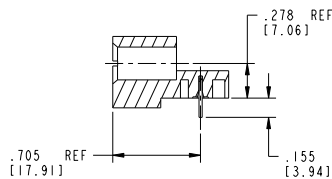
PRODUCT NUMBER
51939-031--
NOTE: ③



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	ecn no.	dr	date	linear		XX±.01/0.XX±0.3		COPY		www.fciconnect.com	
D				angles		XXX±.005/0.XX±0.13		projection		title	6P + 24S + 2P + 3ACP
				dr	C. DAILY	09/30/02		INCH/MM		product family	PwrBlade
				enrg	M. MOSTOLLER	09/30/02		scale	1:1	size	dwg no
				chr	M. MOSTOLLER	09/30/02				code	213
				appd	M. MOSTOLLER	09/30/02				sheet	2 of 4
sheet index	revision sheet										

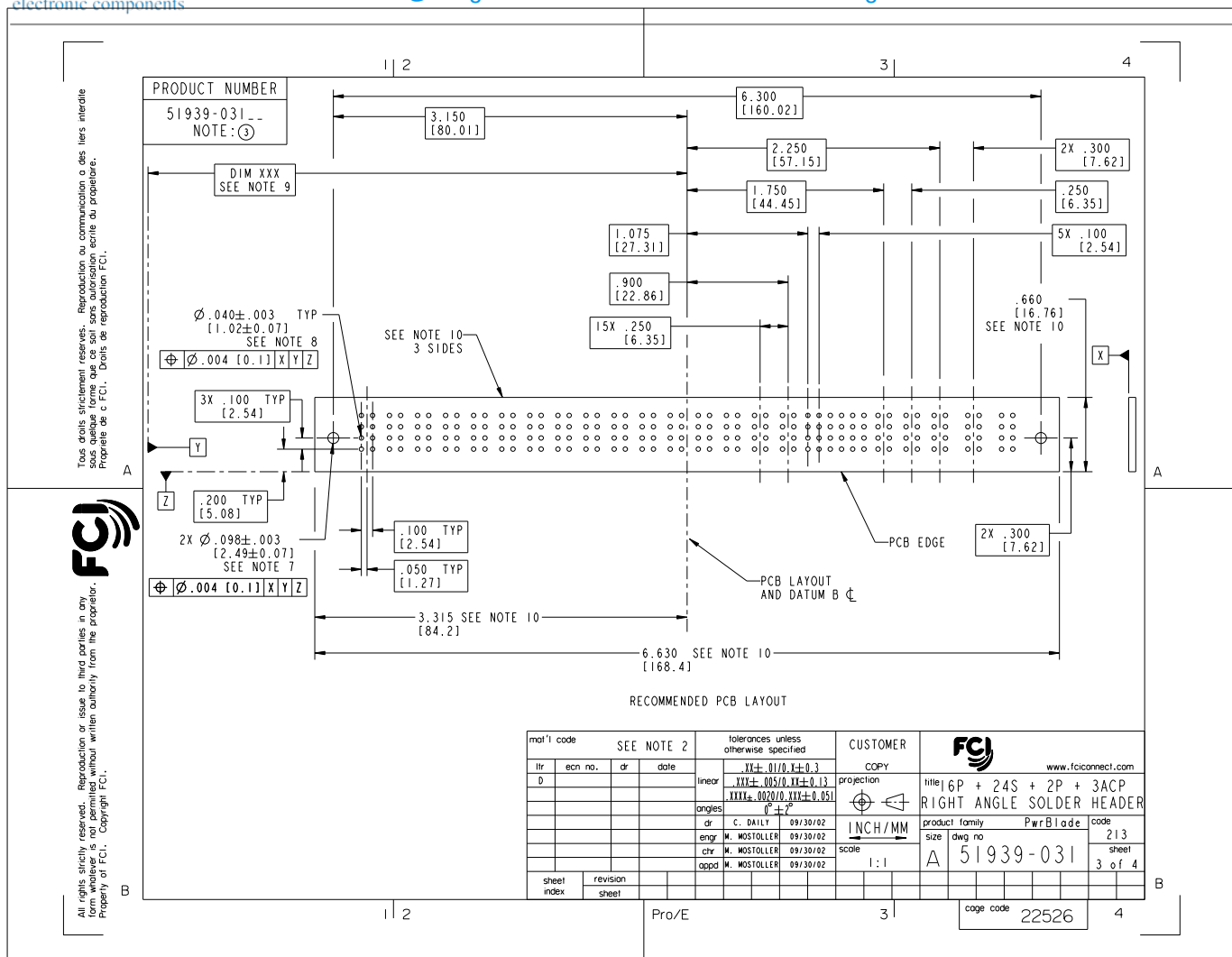
Pro/E

code code 22526

PDM: Rev:D

STATUS:Released

Printed: Dec 20, 2010



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PRODUCT NUMBER
51939-031-
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 51939-031 AND 51939-031LF 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.

PCB NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

9. $\varnothing .0453 \pm .0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
 $\varnothing .040 \pm .003$ [1.02 $\pm$.07] HOLE.

10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

11. CONNECTOR KEEP-OUT ZONE.

12. A ③ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED
WITH THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	angles	dr	engr	chr	appd	COPY	www.fciconnect.com
D				$.XX \pm .01/0.X \pm 0.3$						projection	title 6P + 24S + 2P + 3ACP
				$.XXX \pm .005/0.XX \pm 0.13$							RIGHT ANGLE SOLDER HEADER
				$.XXX \pm .0020/0.XX \pm 0.051$							product family PwrBlade
				$0 \pm 2^\circ$						INCH/MM	code 213
							C. DAILY	09/30/02		scale	size
							M. MOSTOLLER	09/30/02		1:1	dwg no
							M. MOSTOLLER	09/30/02			51939-031
							M. MOSTOLLER	09/30/02			sheet 4 of 4
sheet index	revision sheet										

cage code 22526