

Excellent Integrated System Limited

Stocking Distributor

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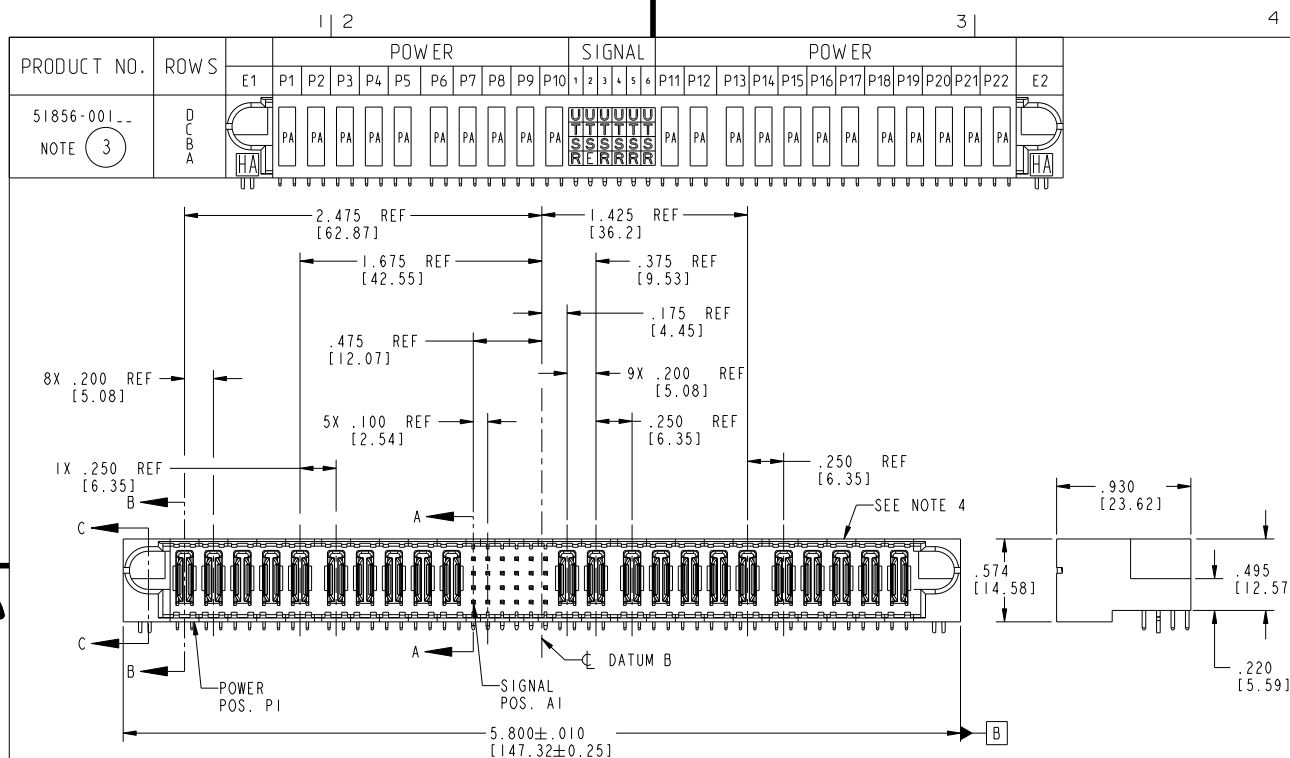
[FCI](#)
[51856-001](#)

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
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]	HOI D-DOWN

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	$XX \pm .010, XX \pm .0.3$ $XXX \pm .0050, XX \pm .0.13$ $XXXX \pm .0020, XX \pm .0.051$ $\phi \pm .7$		COPY	title			
A	V02747	CGD	11-16-00				projection	10P + 24S + 12P			
B	V20487	JWS	03-12-02	angles				RIGHT ANGLE SOLDER HEADFE			
C	V20776	JWS	05-10-02								
D	V04-1133	TAB	12/01/04	dr	J. SHAFFER	05-10-02		product family		PwrBlade	code
E	DG05-0526	CS	12/05/05	engr	M. MOSTOLLER	05-10-02		size		dwg no	213
F	DG07-0498	JM	05/23/08	chr	M. MOSTOLLER	05-10-02	scale	A		51856	sheet
G	DG08-0272	WD	09/28/08	appd	M. MOSTOLLER	05-10-02		1:1		1 of 4	
sheet index		revision	G	G	G	G					
		chset	1	2	3	4					

Pro/E

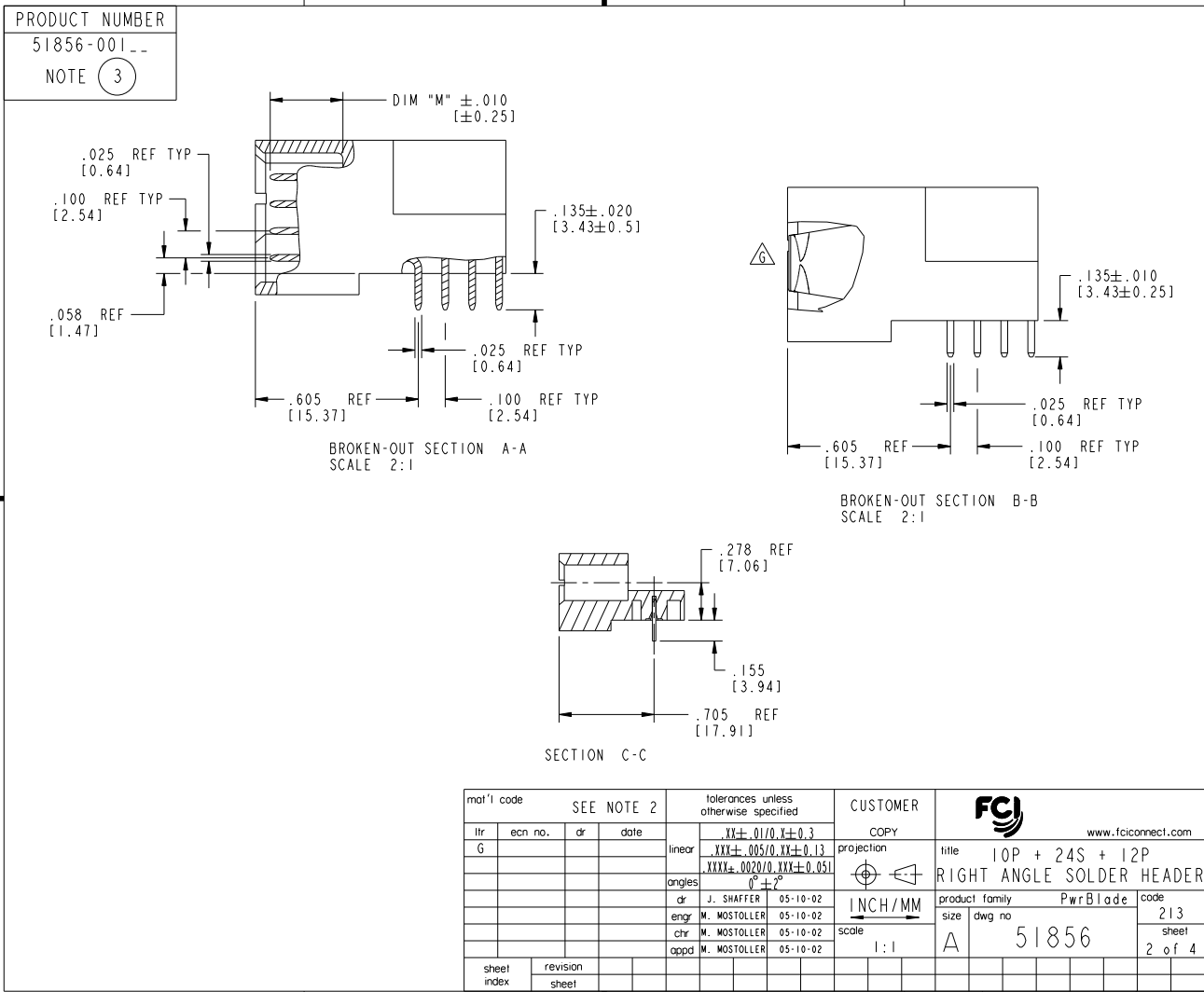
PDM: Rev:G

STATUS: **Released** code code 22526 4 Printed: Dec 20, 2010

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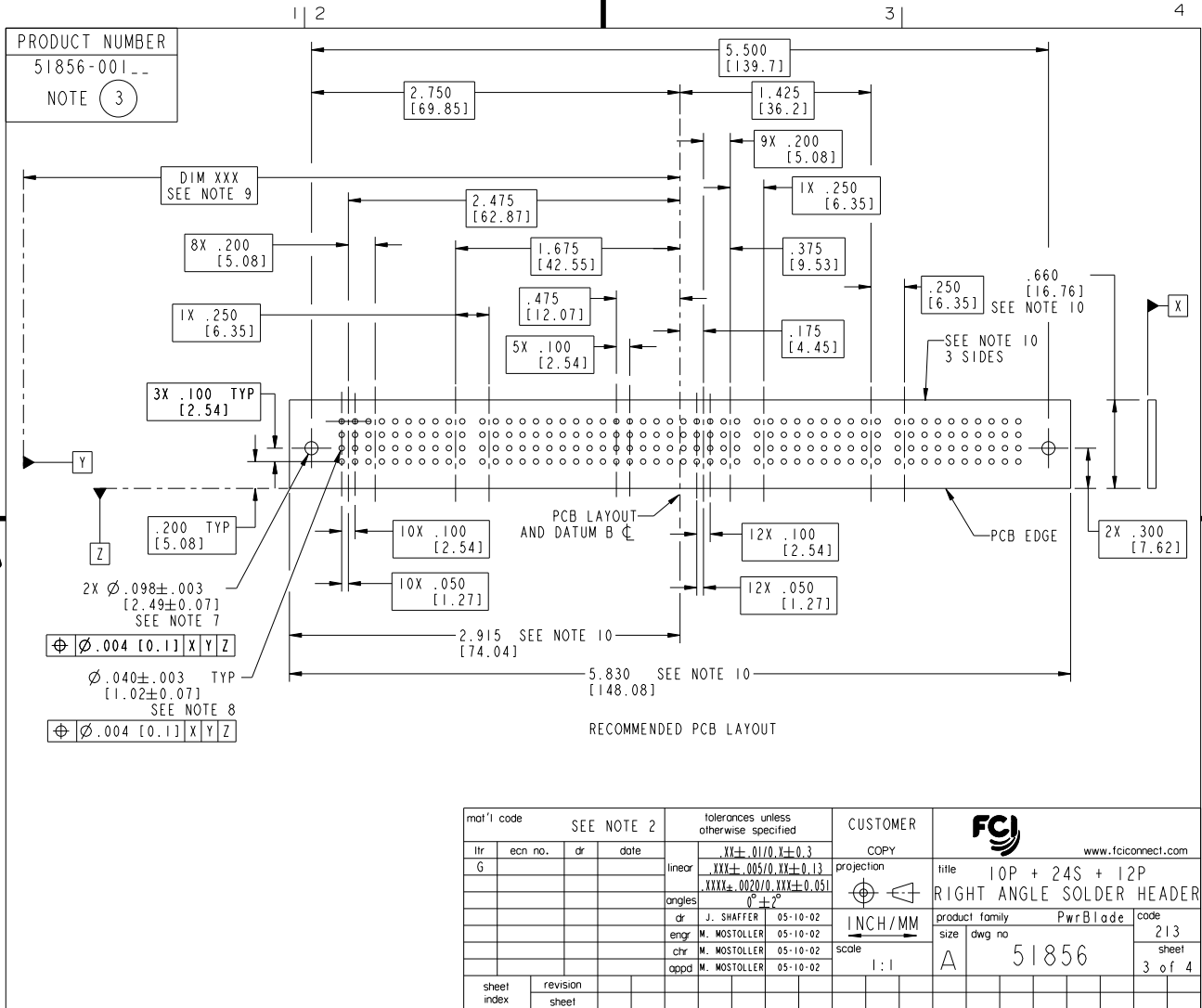
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mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
SEE NOTE 2				.XX±.01/0.X±0.3		COPY		www.fciconnect.com	
lfr	ech no.	dr	date	linear	.XXX±.005/0.XX±0.13	projection		title	
G				angles	.XXXX±.0020/0.XXX±0.051	INCH/MM		RIGHT ANGLE SOLDER HEADER	
				dr	J. SHAFFER 05-10-02	scale		product family	
				engr	M. MOSTOLLER 05-10-02	1:1		PwrBlade	
				chr	M. MOSTOLLER 05-10-02			size	
				appd	M. MOSTOLLER 05-10-02			dwg no	
sheet index	revision sheet							code	
								213	
								3 of 4	

Pro/E

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1 | 2

3 |

4

PRODUCT NUMBER

51856-001--

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 51856-001 AND 51856-001LF 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.
- (8.) $\varnothing .0453 \pm 0.0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
0.0003 [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.
- (9.) "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- (10.) CONNECTOR KEEP-OUT ZONE.
11. △ 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	ech no.	dr	date	linear	linear	linear	linear	COPY	projection	title	www.fciconnect.com
G					.XX ± .01/0.X ± 0.3	.XXX ± .005/0.XX ± 0.13	.XXXX ± .0020/0.XXX ± 0.051			10P + 24S + 12P	
				angles	0° ± 2°					RIGHT ANGLE SOLDER HEADER	
				dr	J. SHAFFER	05-10-02				product family	PwrBlade
				engr	M. MOSTOLLER	05-10-02				size	213
				chr	M. MOSTOLLER	05-10-02				dwg no	51856
				appd	M. MOSTOLLER	05-10-02				sheet	4 of 4
sheet index	revision sheet										

1 | 2

Pro/E

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