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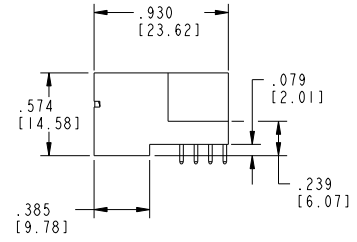
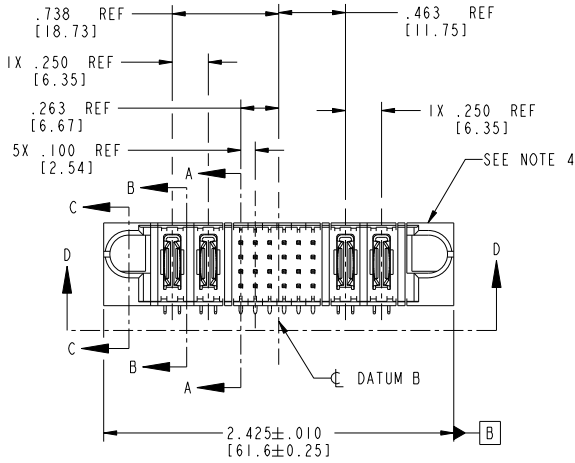
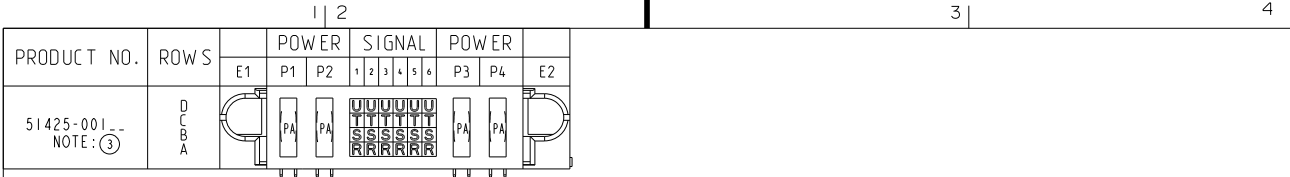
[FCI](#)
[51425-002](#)

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

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CODE	DIM "M" MATING LENGTH	DIM "T" TAIL LENGTH	CONTACT TYPE
R	.270 [6.86]	.135 [3.43]	SIGNAL
S	.270 [6.86]	.135 [3.43]	SIGNAL
T	.270 [6.86]	.135 [3.43]	SIGNAL
U	.270 [6.86]	.135 [3.43]	SIGNAL
PA	N/A [N/A]	.135 [3.43]	POWER

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection		www.fciconnect.com	
A	V02392	JRW	10/29/00		.XXX±.005/0.XX±0.13	COPY		title 2P + 24S + 2P	
B	V12515	JWS	10/29/01		.XXX±.0020/0.XXX±0.051	INCH/MM		RIGHT ANGLE SOLDER HEADER	
C	DG05-0242	SJ	07/26/05	angles	0°±?	scale		product family PwrBlade code 213	
D	DG06-0011	CS	01/12/06	dr	J. SHAFFER 10/29/01	1:1		size dwg no A 51425 sheet 1 of 4	
E	DG08-0266	WD	09/21/08	enr	J. ALLISON 10/29/01				
				chr	J. ALLISON 10/29/01				
				appd	J. ALLISON 10/29/01				
sheet index	revision sheet	E 1	E 2	E 3	E 4				

Pro/E

PDM: Rev: E1

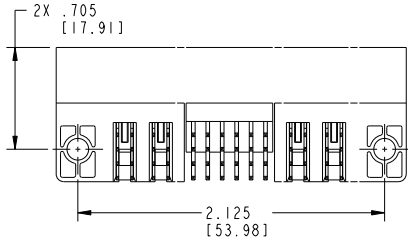
STATUS: Released

Printed: Dec 20, 2010

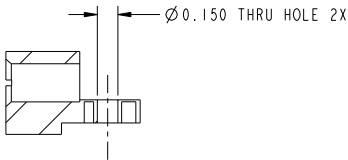
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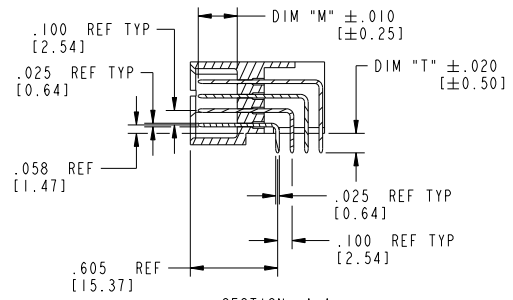
PRODUCT NUMBER
51425-001--
NOTE: ③



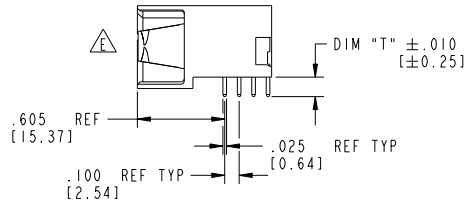
SECTION D-D



SECTION C-C



SECTION A-A



SECTION B-B

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ech no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY	www.fciconnect.com	
E				linear	.XXX±.005/0.XX±0.13		title	2P + 24S + 2P	
				angles	.XXX±.0020/0.XXX±0.051		RIGHT ANGLE SOLDER HEADER	product family	PwrBlade
				dr	J. SHAFFER 10/29/01	INCH/MM	product	code	
				enr	J. ALLISON 10/29/01	scale	family	213	
				chr	J. ALLISON 10/29/01	1:1	size	sheet	
				appd	J. ALLISON 10/29/01		dwg no	2 of 4	
							A	51425	
sheet index	revision sheet								

1 | 2

3 |

4

Pro/E

PDM: Rev: E

STAT

US: Released

4

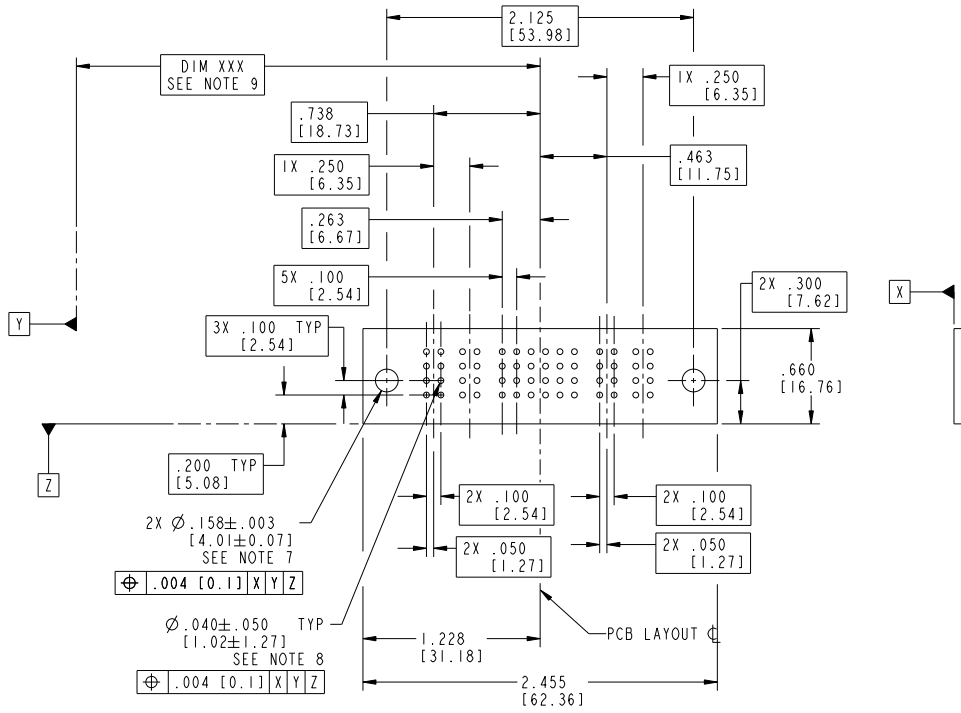
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PRODUCT NUMBER
51425-001_-
NOTE: ③



RECOMMENDED PCB LAYOUT

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ech no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY	title	2P + 24S + 2P		
E				angles	.XXX±.005/0.XX±0.13	INCH/MM		RIGHT ANGLE SOLDER HEADER			code
				dr	.XXXX±.0020/0.XXX±0.051	scale		product family	PwrBlade		213
				enr	0°±2°	1:1		size	51425		sheet
				chr				dwg no			3 of 4
				appd							
sheet index	revision sheet										

1 | 2

Pro/E

PDM: Rev: E

STATUS: Released

Printed: Dec 20, 2010

1 | 2

3 |

4

PRODUCT NUMBER
 51425-001--
 NOTE: ③

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTORS NOTES:

② HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMO PLASTIC
 POWER CONTACT MATERIAL: COPPER ALLOY
 SIGNAL PIN MATERIAL: COPPER ALLOY

Ⓜ③ SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51425-001 AND 51425-001LF RESPECTIVELY.

4. "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.
 5. PRODUCT SPECIFICATION GS-12-149.

PCB - NOTES:



6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑦ HOLD DOWN THROUGH HOLES 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. A Ⓜ 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		www.fciconnect.com	
ltr	ech no.	dr	date	linear	.XX±.01/0.X±0.3			projection		COPY		title		2P + 24S + 2P		RIGHT ANGLE SOLDER HEADER	
E				angles	.XXX±.005/0.XX±0.13					INCH/MM		product family		PwrBlade		code	
				dr	J. SHAFFER	10/29/01				scale		size		dwg no		213	
				enr	J. ALLISON	10/29/01		1:1		A		51425		sheet		4 of 4	
				chr	J. ALLISON	10/29/01											
				appd	J. ALLISON	10/29/01											
sheet index	revision sheet																

1 | 2

Pro/E

PDM: Rev:E

STAT

code code 22526
 US:Released

4

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