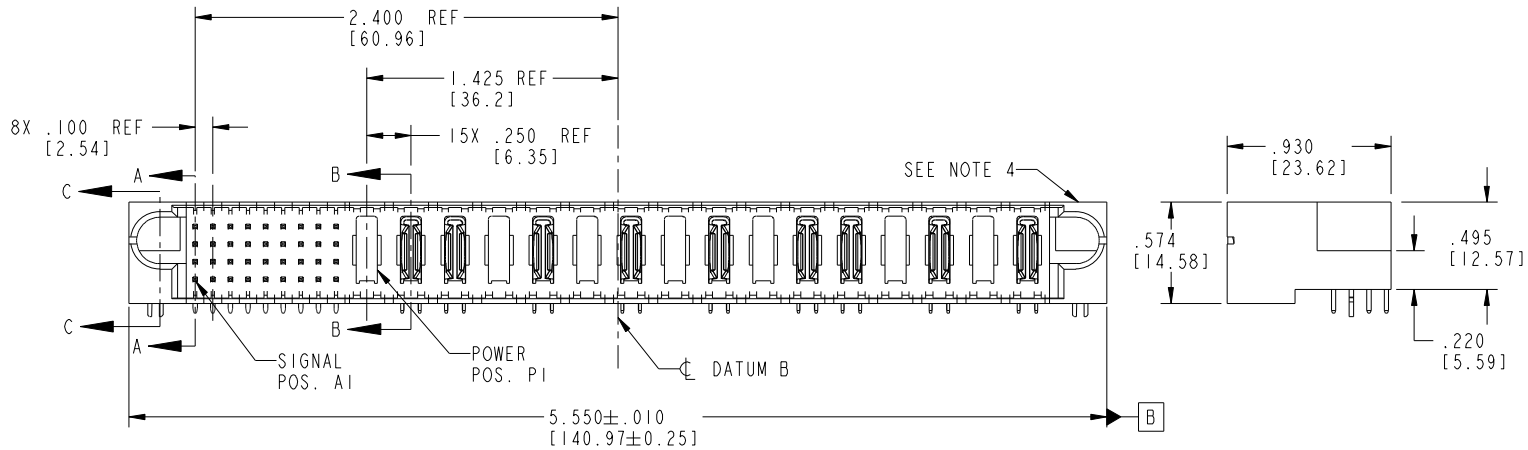


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PRODUCT NO.	ROW S	SIGNAL									POWER																E2	
		E1	1	2	3	4	5	6	7	8	9	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15		P16
51731-022-- NOTE: ③	D C B A		UUUUUUUUUU	TTTTTTTTTTTT	SSSSSSSSSS	RRRRRRRRRR						X	PA	PA	X	PA	X	PA	X	PA	X	PA	PA	X	PA	X	PA	
		HA	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	HA



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
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
X	OMITTED	OMITTED

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER			
litr	ecn no.	dr	date	linear	dr	enr	chr	linear	dr	enr	chr	COPY	projection	INCH/MM	scale
A	V04-0216	TAB	03/05/04					.XX±.01/0.X±0.3							
B	DG05-0266	SJ	08/05/05					.XXX±.005/0.XX±0.13							
C	DG05-0531	GuoJM	12/15/05					.XXX±.0020/0.XXX±0.051							
D	DG08-0253	SH	09/13/08					0°±2°							
								T. BRUNGARD	03/05/04						
								M. GRAY	03/05/04						
								M. GRAY	03/05/04						
								M. GRAY	03/05/04						
sheet index	revision sheet	D	D	D	D										
		1	2	3	4										

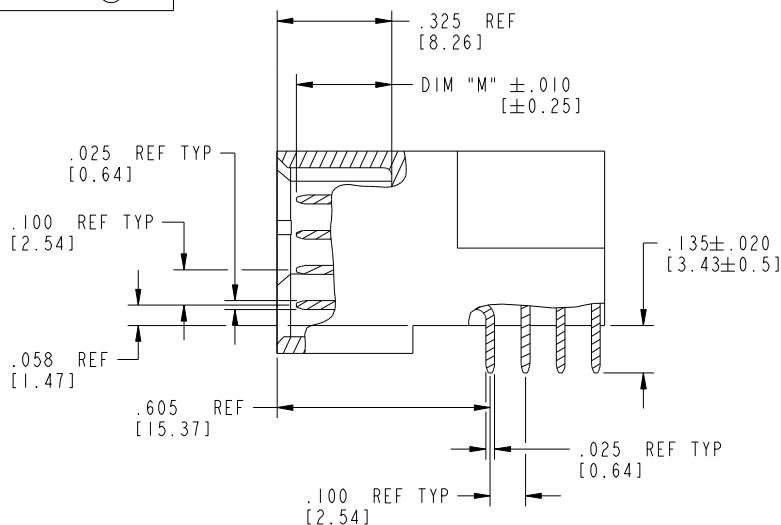
FCI		www.fciconnect.com	
title		36S + 16P	
product family		PwrBlade	
size	dwg no	code	213
A	51731-022	sheet	1 of 4
cage code		22526	



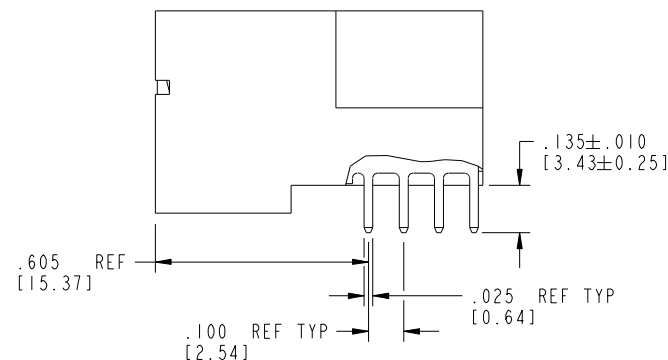
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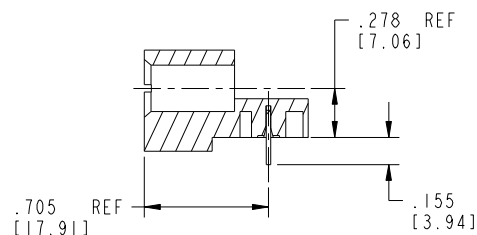
PRODUCT NUMBER
51731-022--
NOTE: ③



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1

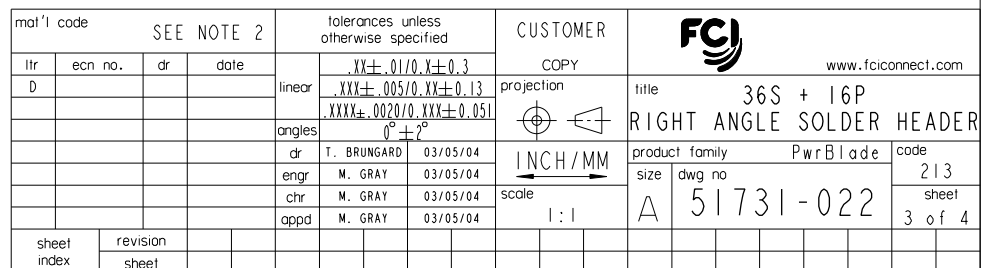


SECTION C-C

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com			
litr		ecr no.		dr		date		linear		$.XX \pm .01 / 0.X \pm 0.3$				COPY				title 36S + 16P RIGHT ANGLE SOLDER HEADER					
D										$.XXX \pm .005 / 0.XX \pm 0.13$				projection									
										$.XXX \pm .0020 / 0.XXX \pm 0.051$													
								angles		$0^\circ \pm 2^\circ$													
								dr		T. BRUNGARD 03/05/04				INCH/MM				product family PwrBlade				code	
								enrg		M. GRAY 03/05/04				scale 1:1				size		dwg no		213	
								chr		M. GRAY 03/05/04								A		51731-022		sheet	
								appd		M. GRAY 03/05/04										2 of 4			
sheet index		revision sheet																					

Pro/E

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cage code	22526
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A



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B

1 | 2

3 |

4

PRODUCT NUMBER

51731-022--
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. PLATING:
⚠ SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51731-022 AND 51731-022LF 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 $\varnothing .0453 \pm .0010$ [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 ⚠ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW,
OR NOTE WHICH HAS BEEN MODIFIED WITH CURRENT
DRAWING VERSION.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com			
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		projection	title			
D					.XXX±.005/0.XX±0.13					36S + 16P			
					.XXX±.0020/0.XXX±0.051					RIGHT ANGLE SOLDER HEADER			
				angles	0°±2°								
				dr	T. BRUNGARD 03/05/04		INCH/MM		product family		PwrBlade		code
				enrg	M. GRAY 03/05/04				size		dwg no		213
				chr	M. GRAY 03/05/04		scale		A		51731-022		sheet
				appd	M. GRAY 03/05/04		1:1						4 of 4
sheet index		revision sheet											

A

B

1 | 2

Pro/E

3 |

cage code 22526

4