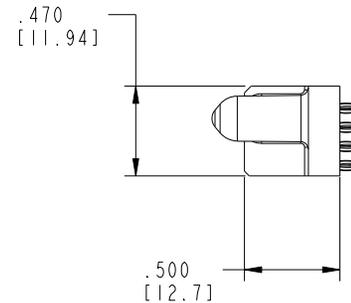
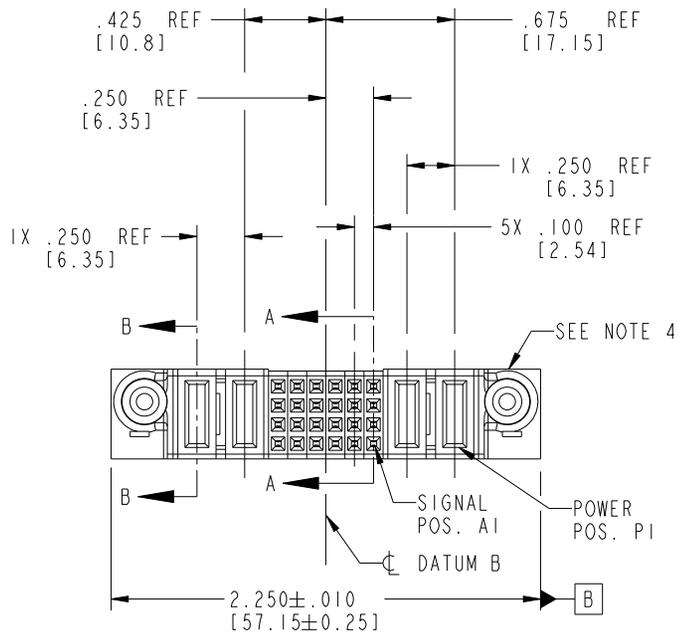


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PRODUCT NO.	ROWS	POWER		SIGNAL					POWER		E1		
		E2	P4	P3	6	5	4	3	2	1		P2	P1
51750-028-- NOTE ③	D C B A												



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	N/A [N/A]	SIGNAL
PC	.042 [1.07]	POWER
PF	.092 [2.34]	POWER

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection		COPY		title	
A	V20697	JWS	04-11-02		.XX±.005/0.XX±0.13			A		2P + 24S + 2P VERTICAL PRESSFIT RECEPT	
B	V03-1195	DAI	11/05/03	angles	.XXX±.0020/0.XXX±0.051			INCH/MM		product family PwrBlade code	
C	DG05-0076	SW	04/10/05		0°±2°			A		size 213	
D	DG08-0251	W D	09/13/08	dr	J. SHAFFER 04-11-02	scale		A		sheet 1 of 4	
				enrg	J. SWAIN 04-11-02	1:1		A		51750-028	
				chr	J. SWAIN 04-11-02						
				appd	J. SWAIN 04-11-02						
sheet index	revision sheet	D	D	D	D						
		1	2	3	4						

Pro/E

PDM: Rev: D

STAT: Released

Printed: Dec 20, 2010

1 | 2

3 |

4

A

A

B

B

cage code 22526

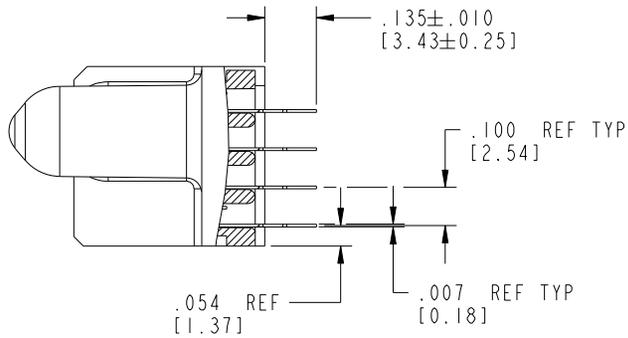
4

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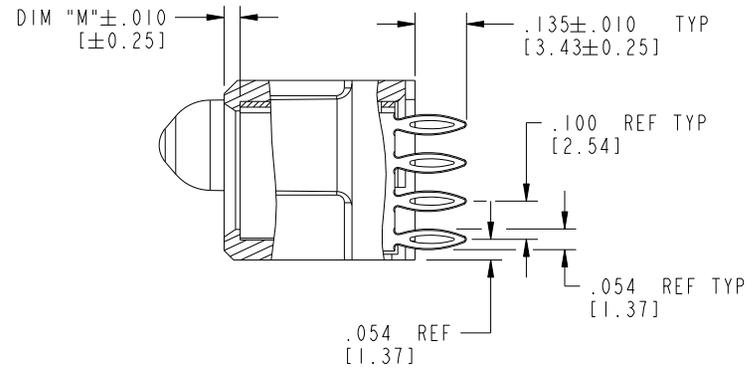


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PRODUCT NUMBER  
51750-028--  
NOTE ③



SECTION A-A  
SCALE 2:1



SECTION B-B  
SCALE 2:1

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	title		
D					.XX±.005/0.XX±0.13		2P + 24S + 2P		
				angles	.XXX±.0020/0.XXX±0.051		VERTICAL PRESSFIT RECEPT		
				dr	J. SHAFFER 04-11-02	INCH/MM	product family		code
				enrg	J. SWAIN 04-11-02	scale	PwrBlade		213
				chr	J. SWAIN 04-11-02	1:1	size	dwg no	sheet
				appd	J. SWAIN 04-11-02		A	51750-028	2
sheet index	revision sheet								

Pro/E

PDM: Rev: D

STATUS: Released

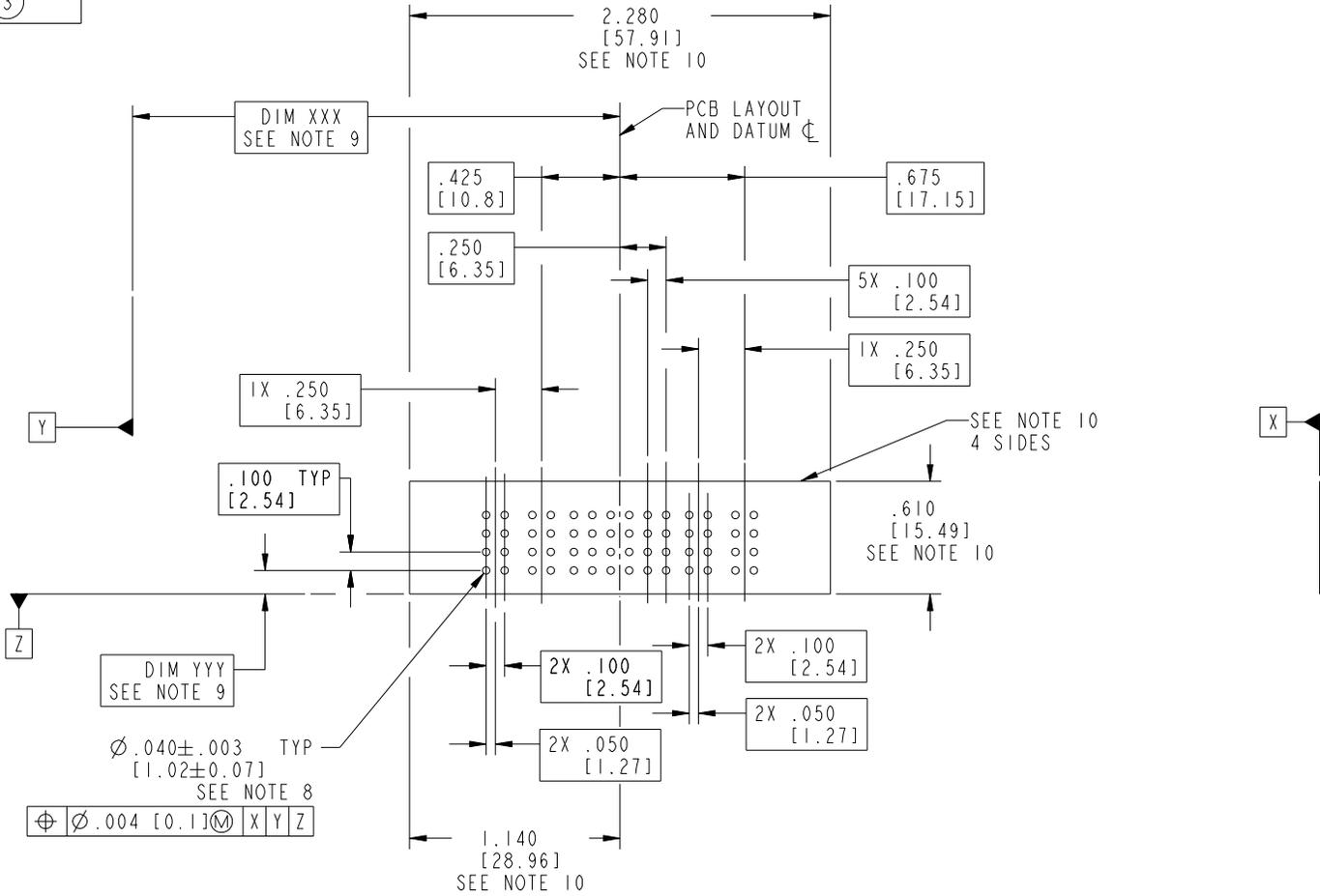
Printed: Dec 20, 2010

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PRODUCT NUMBER  
51750-028--  
NOTE ③



RECOMMENDED PCB LAYOUT

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection		title	
D				angles	.XXY±.005/0.XX±0.13	INCH/MM		FIRST ANGLE		2P + 24S + 2P	
				dr	.XXX±.0020/0.XXX±0.051	scale		product family		code	
				enrg	0°±2°	1:1		PwrBlade		213	
				chr				size		sheet	
				appd				A 51750-028		3	
sheet index	revision sheet										

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1 | 2

3 |

4

PRODUCT NUMBER  
51750-028--  
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 7 & 8 IN PRINT 10064183 FOR PLATING SPEC OF 51750-028 AND 51750-028LF 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" AND "YYY" TO BE DETERMINED BY THE CUSTOMER.

10. CONNECTOR KEEP-OUT ZONE.

11. A  $\Delta$  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	
lfr	ecn no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$		COPY		title 2P + 24S + 2P VERTICAL PRESSFIT RECEIPT		
D					$.XXX \pm .005 / 0.XX \pm 0.13$		projection				
				angles	$.XXX \pm .0020 / 0.XXX \pm 0.051$		INCH/MM ← →		product family PwrBlade		
					$0^\circ \pm 2^\circ$				scale		code
				dr	J. SHAFFER	04-11-02	1:1		size		213
				enrg	J. SWAIN	04-11-02			dwg no		sheet
				chr	J. SWAIN	04-11-02			A		4
				appd	J. SWAIN	04-11-02			51750-028		
sheet index		revision sheet									

1 | 2

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A

A

B

B

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4

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