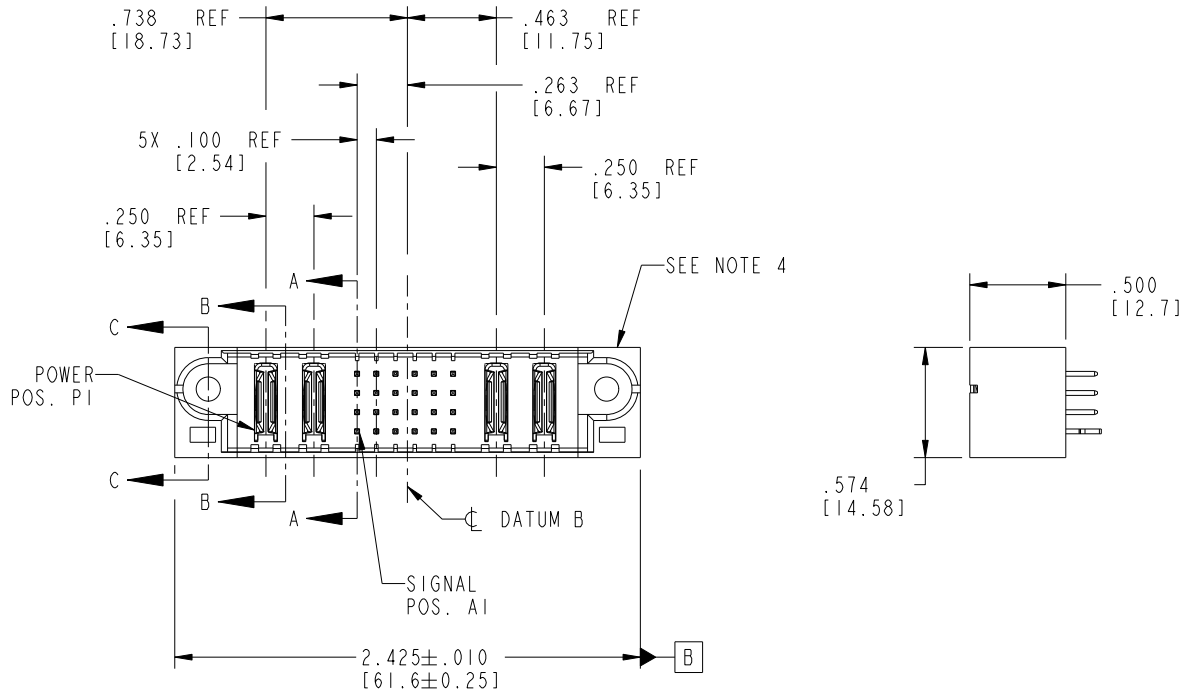
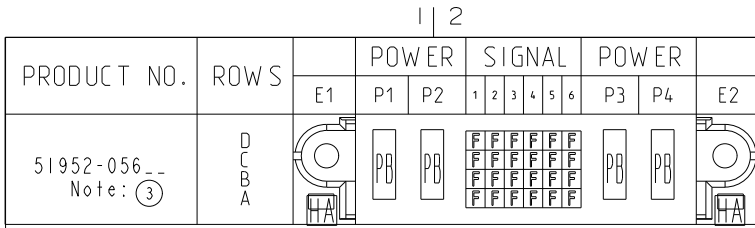


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CODE	DIM "M"	MATING LENGTH	CONTACT TYPE
HA	N/A	[N/A]	HOLD-DOWN
PB	[N/A]	[N/A]	POWER
F	.270	[6.86]	SIGNAL

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection		COPY		www.fciconnect.com	
A	DG05-0031	LH	02/03/05		.XXX±.005/0.XX±0.13	INCH/MM		title		2P + 24S + 2P	
B	DG05-0123	SJ	05/23/05	angles	.XXX±.0020/0.XXX±0.051	scale		product family		PwrBlade	
C	DG05-0515	RYAN	12/16/05		0°+2°	1:1		size		213	
D	DG07-0121	RYAN	04/02/07	dr	LH	02/03/05		dwg no		51952-056	
E	DG08-0266	W D	09/22/08	engr	LH	02/03/05		sheet		1 of 4	
sheet index		revision sheet		E	E	E	E	code		4	
		1 2		E	E	E	E	cage code		22526	
				E	E	E	E	STATUS		Released	

Pro/E

PDM: Rev: E

STATUS: Released

Printed: Dec 20, 2010

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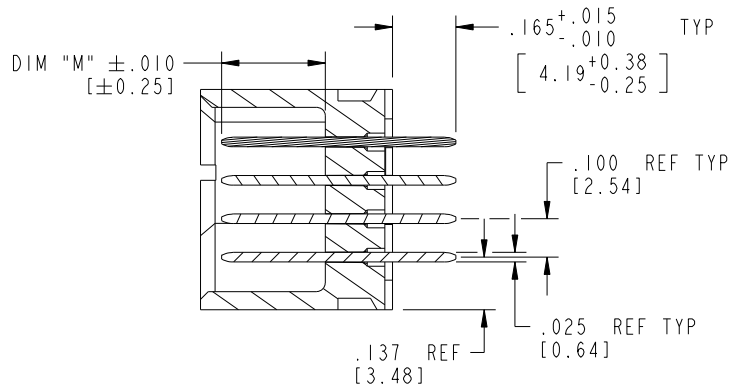
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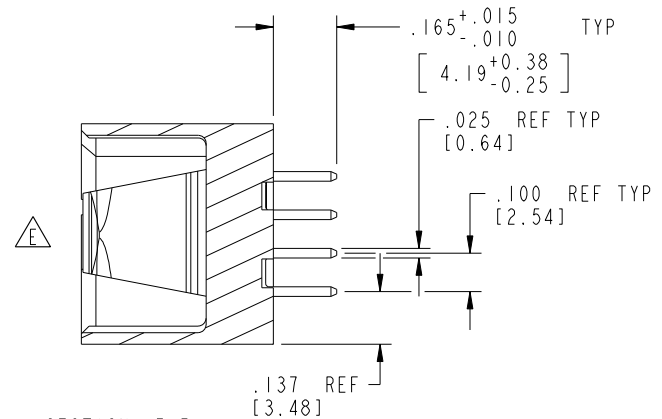
PRODUCT NUMBER

51952-056--

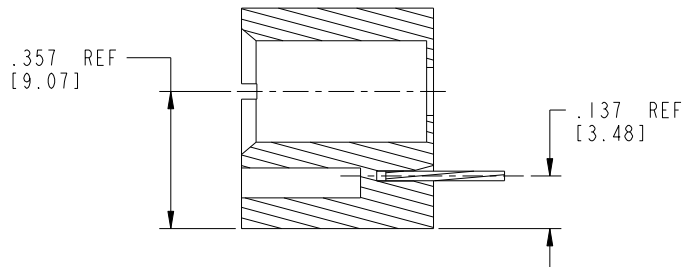
Note: ③



SECTION A-A  
SCALE 2:1



SECTION B-B  
SCALE 2:1



SECTION C-C  
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		
E					.XXY±.005/0.XX±0.13		2P + 24S + 2P		
				angles	.XXX±.0020/0.XXX±0.051		VERTICAL SOLDER HEADER		
				dr	LH 02/03/05	INCH/MM	product family		code
				enrg	LH 02/03/05	1:1	PwrBlade		213
				chr	VICTOR LIN 02/03/05		size	dwg no	sheet
				appd	JOSEPH HSIA 02/03/05		A	51952-056	2 of 4
sheet index	revision sheet								

Pro/E

PDM: Rev: E

STATUS: Released

Printed: Dec 20, 2010

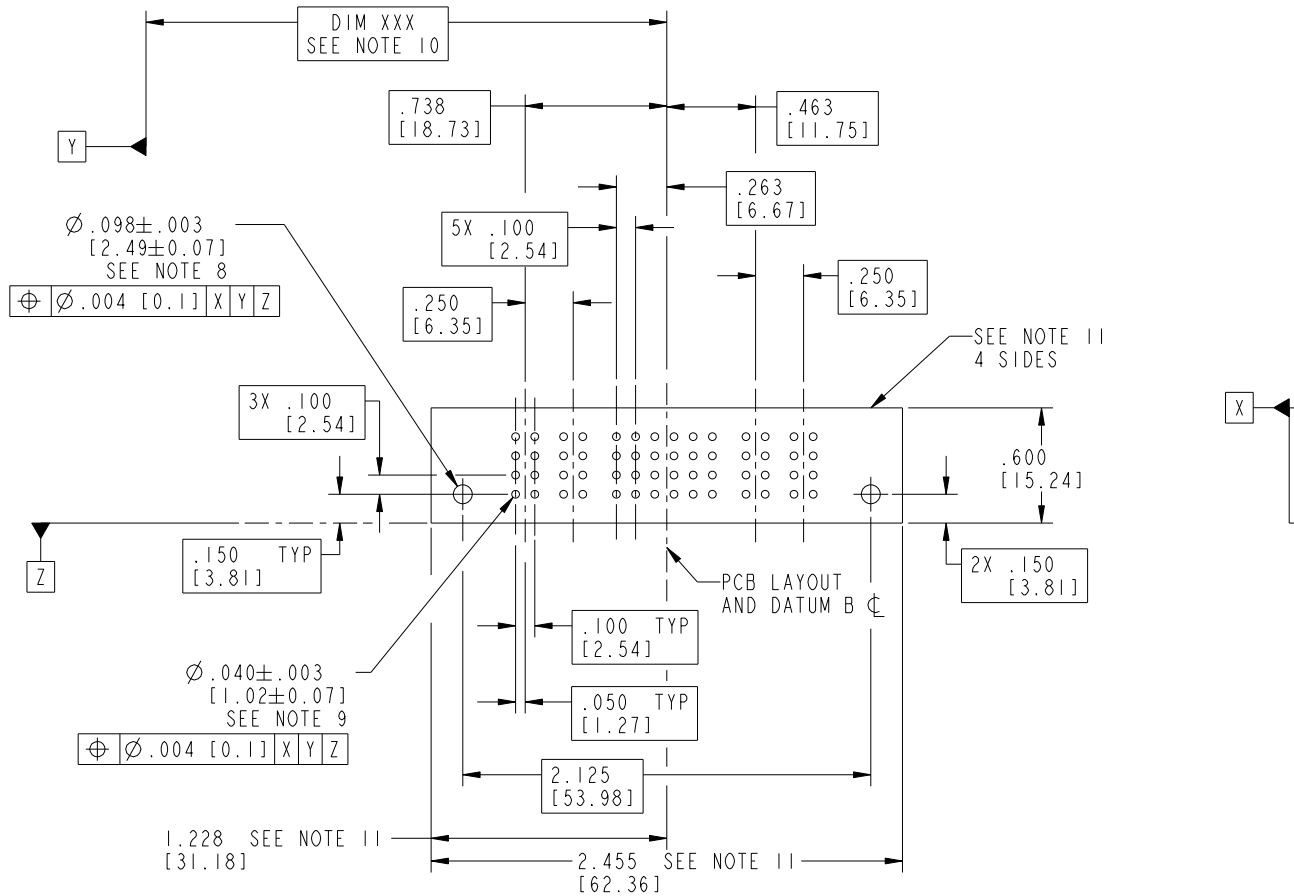
cage code 22536

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PRODUCT NUMBER  
51952-056--  
Note: ③



RECOMMENDED PCB LAYOUT

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	COPY		title	
E				angles	.XX±.005/0.XX±0.13	projection		2P + 24S + 2P	
					.XXX±.0020/0.XXX±0.051			VERTICAL SOLDER HEADER	
				dr	LH 02/03/05	INCH/MM		product family	
				engr	LH 02/03/05	scale		PwrBlade	
				chr	VICTOR LIN 02/03/05	1:1		code	
				appd	JOSEPH HSIA 02/03/05	A		213	
sheet index		revision sheet				size		sheet	
						A		3 of 4	
						51952-056			

Pro/E

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1 | 2

3 |

4

A

A

B

B

1 | 2

3 |

4

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1 | 2

3 |

4

PRODUCT NUMBER  
51952-056--  
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 51952-056 AND 51952-056LF 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 ± 0.025] DRILLED HOLES PLATED WITH  
.0003 [0.008] MIN SnPb OR Sn OVER .001 [0.03]  
TO .003 [0.08] Cu PLATING TO ACHIEVE  
 $\varnothing .040 \pm .003$  [1.02 ± .07] HOLE.

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

⑪ CONNECTOR KEEP-OUT ZONE.

12. ⚠ 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	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection		title	
E					.XXY±.005/0.XX±0.13	⊕		↔		2P + 24S + 2P	
				angles	.XXX±.002/0.XXX±0.051	INCH/MM		product family		code	
				dr	LH 02/03/05	← →		PwrBlade		213	
				engr	LH 02/03/05	scale		size		sheet	
				chr	VICTOR LIN 02/03/05	1:1		A 51952-056		4 of 4	
				appd	JOSEPH HSIA 02/03/05						
sheet index		revision sheet									

1 | 2

Pro/E

PDM: Rev: E

STAT: Released

Printed: Dec 20, 2010