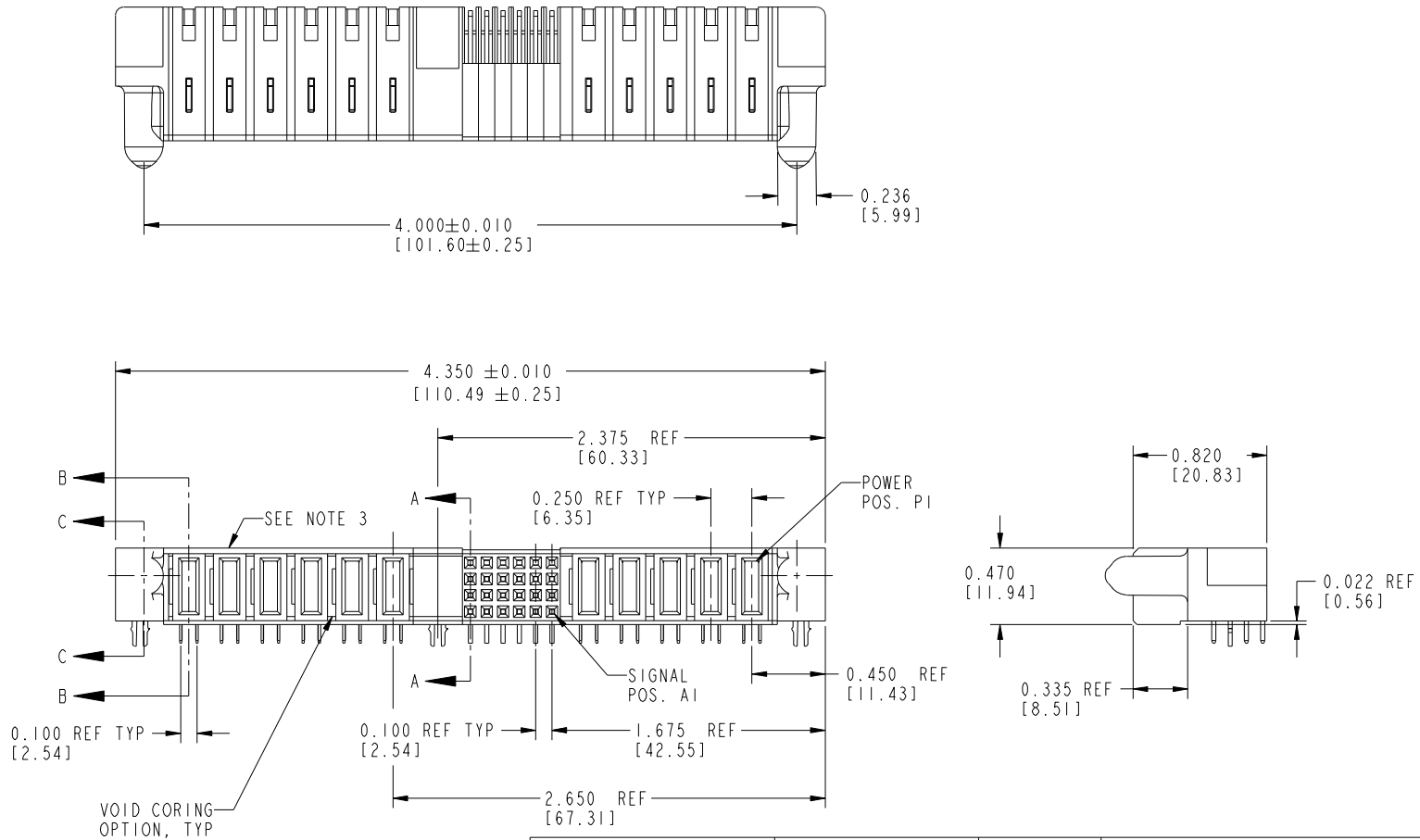




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PRODUCT NUMBER
SEE SHEET 3



mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date			.XX±.01/.X±.3		COPY		www.fciconnect.com	
N	DG05-0242	SJ	07/25/05	linear		.XXX±.005/.XX±.13		projection		title 5P + 24S + 1M + 6P	
P	DG05-0313	SJ	09/05/05			.XXXX±.0020/.XXX±.051				R/A SOLDER RECEPT.	
R	DG05-0338	SW	09/19/05	angles		0° ± 2°				product family PwrBlade	
S	DG05-0550	GuoJM	12/16/05	dr	D. WOLFORD	01/21/99		INCH/MM		code 213	
T	DG08-0239	JC	09/12/08	enrg	J. BROWN	01/21/99		scale		size dwg no 51625	
				chr	J. BROWN	01/21/99				sheet 1 of 4	
				appd	J. BROWN	01/21/99					
sheet index	revision sheet	T	T	T	T					cage code 22526	
		1	2	3	4						

Pro/E

PDM: Rev:T

STATUS:Released

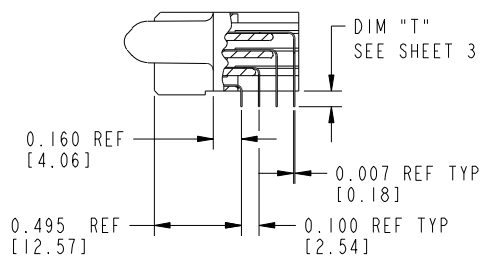
Printed: Sep 18, 2008

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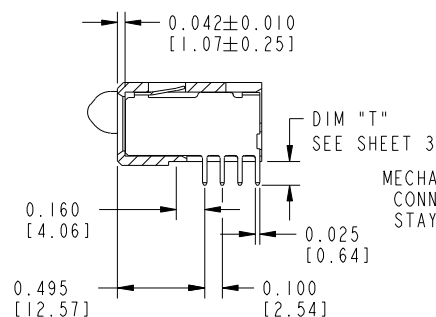


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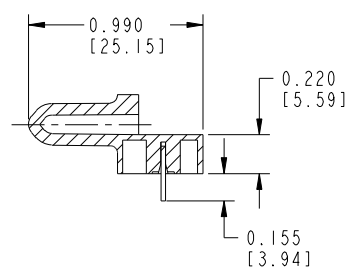
PRODUCT NUMBER
SEE SHEET 3



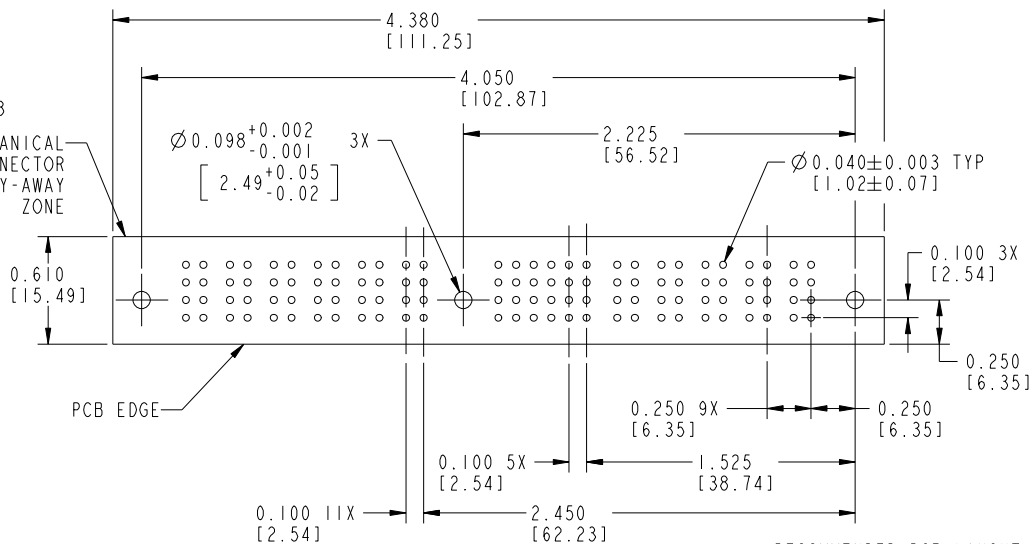
SECTION A-A



SECTION B-B



SECTION C-C



RECOMMENDED PCB LAYOUT

mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date			.XX±.01/.X±.3		COPY		www.fciconnect.com	
T						.XXX±.005/.XX±.13		projection		title 5P + 24S + 1M + 6P R/A SOLDER RECEPT.	
						.XXXX±.0020/.XXX±.051					
					angles	0° ± 2°		INCH/MM		product family	PwrBlade
					dr	D. WOLFORD 01/21/99		scale		size	dwg no
					enr	J. BROWN 01/21/99		1:1		A	51625
					chr	J. BROWN 01/21/99					
					appd	J. BROWN 01/21/99					
sheet index	revision sheet										

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PRODUCT NUMBER
SEE TABLE

1 | 2

3 |

4

CODE	DIM "T"		DIM "T"		CONTACT TYPE
	+0.005 [0.12]	-0.010 [0.25]	±0.010 [0.25]		
E	-	-	0.135 [3.43]		SIGNAL
F	-	-	0.135 [3.43]		SIGNAL
G	-	-	0.135 [3.43]		SIGNAL
H	-	-	0.135 [3.43]		SIGNAL
J	0.090 [2.29]		-	-	SIGNAL
K	0.090 [2.29]		-	-	SIGNAL
L	0.090 [2.29]		-	-	SIGNAL
M	0.090 [2.29]		-	-	SIGNAL
PA	-	-	0.135 [3.43]		POWER
PB	0.090 [2.29]		-	-	POWER
HA	N/A [N/A]		-	-	HOLD-DOWN

PRODUCT No.	ROWS	POWER										SIGNAL					POWER				
		E2	P11	P10	P9	P8	P7	P6	M1	6	5	4	3	2	1	P5	P4	P3	P2	P1	E1
51625-XX001-- NOTE: 2	D C B A																				

PRODUCT No.	ROWS	POWER										SIGNAL					POWER				
		E2	P11	P10	P9	P8	P7	P6	M1	6	5	4	3	2	1	P5	P4	P3	P2	P1	E1
51625-XX002-- NOTE: 2	D C B A																				

mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
T						linear	.XX±.01/.X±.3	projection		title 5P + 24S + 1M + 6P R/A SOLDER RECEPT.	
							.XXX±.005/.XX±.13			product family PwrBlade	
						angles	.XXX±.0020/.XX±.051			code 213	
						dr	0° ± 2°			size 51625	
						enr	D. WOLFORD 01/21/99	INCH/MM		sheet 3	
						chr	J. BROWN 01/21/99	scale	1:1		
						appd	J. BROWN 01/21/99				
sheet index	revision sheet										

1 | 2

Pro/E

3 |

cage code 22526

4



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A

B

1 | 2

3

4

PRODUCT NUMBER
SEE SHEET 3

CONNECTOR NOTES:

- HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL CONTACT MATERIAL: COPPER ALLOY

- PLATING: (51625-XX00X STAND OFF 51625-XX001 AND 51625-XX002)
SEE ITEM 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51625-XX00X AND 51625-XX00XLF RESPECTIVELY

- MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE
- PRODUCT SPECIFICATION GS-12-149

PCB NOTES:

- ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
- ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
- $\varnothing 0.098 [2.49]$ THROUGH HOLES ARE UNPLATED.
- $\varnothing 0.0453 \pm 0.0010 [1.151 \pm 0.025]$ DRILLED HOLES PLATED WITH 0.0003 [0.008] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] Cu PLATING TO ACHIEVE A $\varnothing 0.040 \pm 0.003 [1.02 \pm 0.07]$ HOLE.

- A $\triangle$ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

A

CONFIDENTIAL

mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date					COPY					
T						linear	.XX±.01/.X±.3	projection		title	5P + 24S + 1M + 6P		
							.XXX±.005/.XX±.13				R/A SOLDER RECEPT.		
						angles	.XXX±.0020/.XXX±.051						
							0° ± 2°						
						dr	D. WOLFORD 01/21/99	INCH/MM		product family	PRODUCT_FAMILY: 3	code	
						enrg	J. BROWN 01/21/99			size	dwg no	213	
						chr	J. BROWN 01/21/99	scale				sheet	4
						appd	J. BROWN 01/21/99	1:1					
sheet index		revision sheet											

B

1 | 2

Pro/E

3

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4