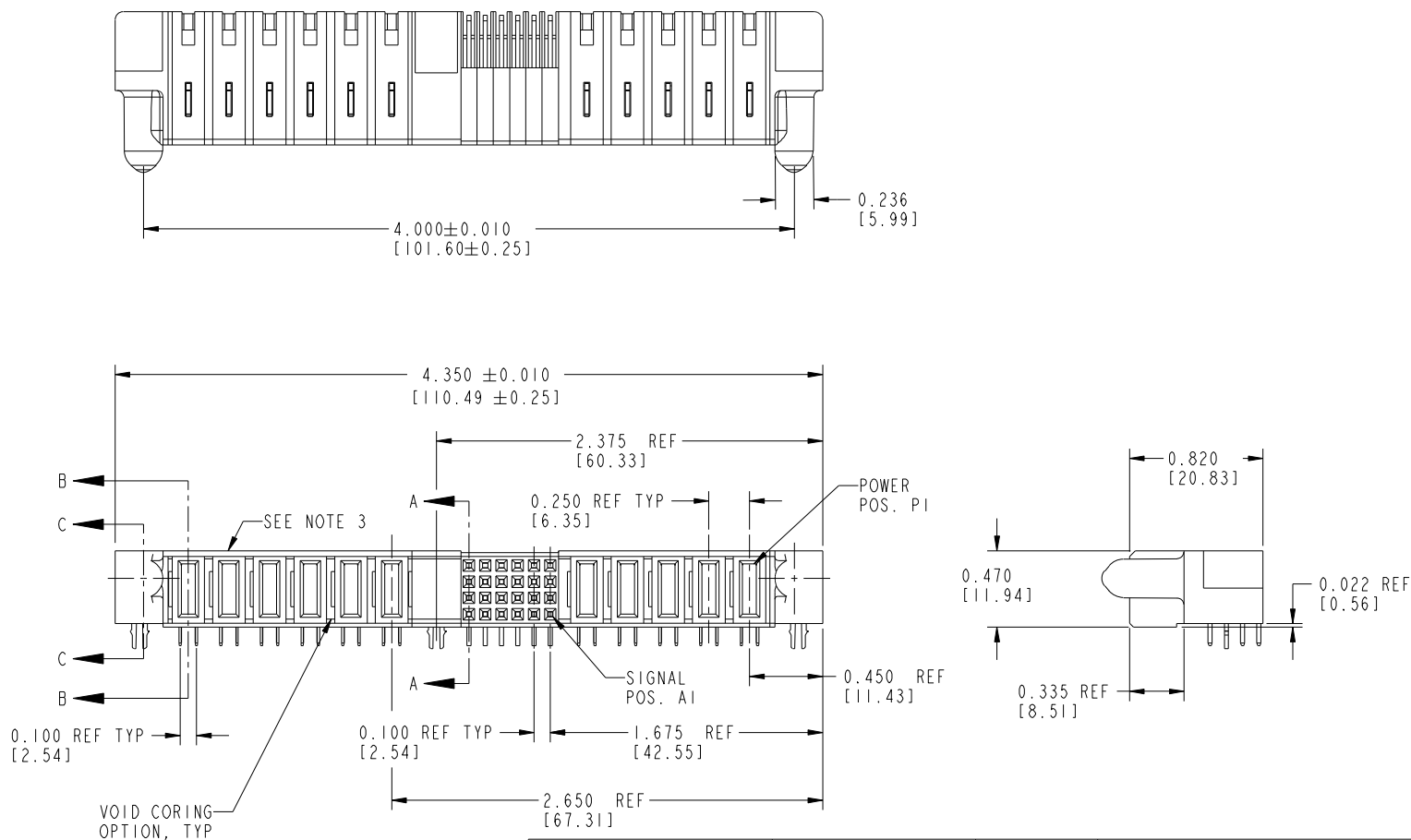




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PRODUCT NUMBER
SEE SHEET 3



mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date			.XX $\pm$.01/.X $\pm$.3		COPY		www.fciconnect.com	
N	DG05-0242	SJ	07/25/05	linear		.XXX $\pm$.005/.XX $\pm$.13		projection		title 5P + 24S + 1M + 6P	
P	DG05-0313	SJ	09/05/05			.XXXX $\pm$.0020/.XXX $\pm$.051				R/A SOLDER RECEPT.	
R	DG05-0338	SW	09/19/05	angles		0° $\pm$ 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		sheet 1 of 4	
				chr	J. BROWN	01/21/99					
				appd	J. BROWN	01/21/99					
sheet index	revision sheet	T	T	T	T						
		1	2	3	4						

Pro/E

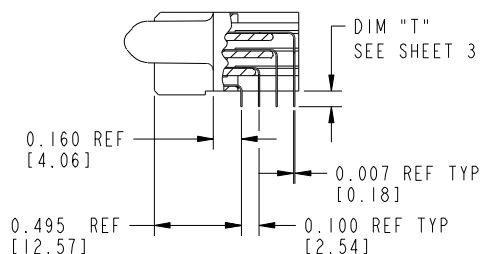
cage code 22526

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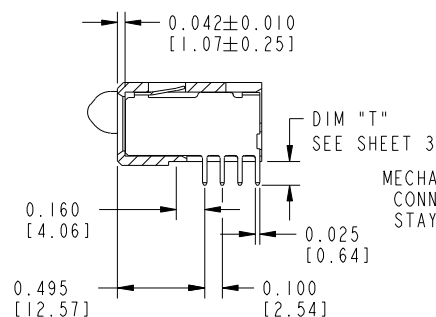


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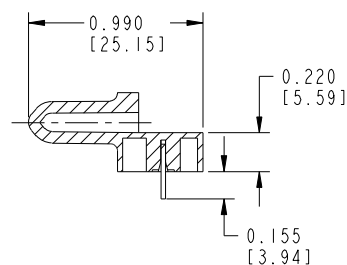
PRODUCT NUMBER
SEE SHEET 3



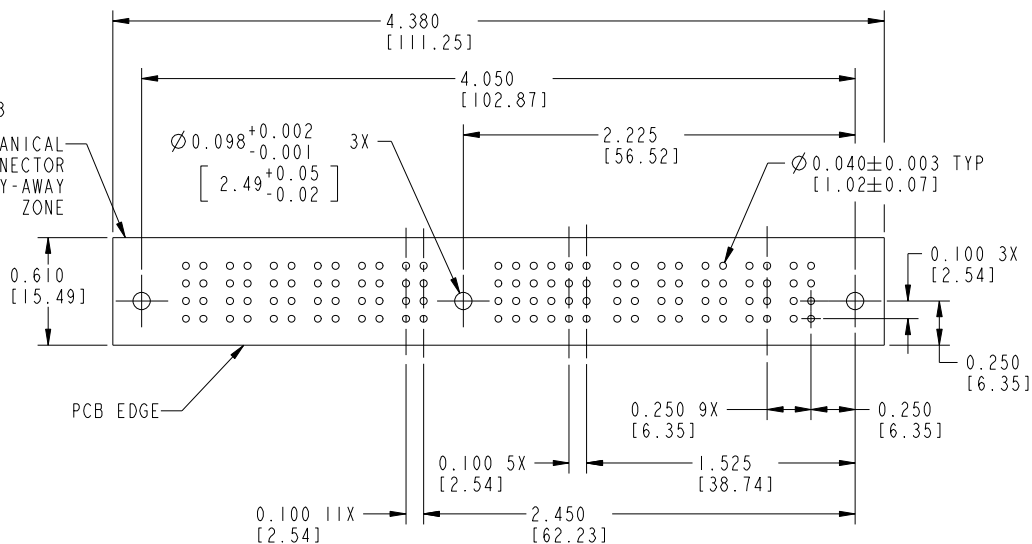
SECTION A-A



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 code 213	
					dr	D. WOLFORD 01/21/99		scale		size dwg no 51625 sheet 2	
					enr	J. BROWN 01/21/99		1:1			
					chr	J. BROWN 01/21/99					
					appd	J. BROWN 01/21/99					
sheet index	revision sheet									cage code 22526	

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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 $\pm$.01/.X $\pm$.3	projection		title 5P + 24S + 1M + 6P R/A SOLDER RECEPT.	
							.XXX $\pm$.005/.XX $\pm$.13			product family PwrBlade	
						angles	.XXX $\pm$.0020/.XX $\pm$.051	INCH/MM		code 213	
						dr	0° $\pm$ 2°	scale		size 51625	
						enr	D. WOLFORD 01/21/99			sheet 3	
						chr	J. BROWN 01/21/99				
						appd	J. BROWN 01/21/99				
sheet index	revision sheet										

1 | 2

Pro/E

3 |

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4



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A

B

1 | 2

3 |

4

PRODUCT NUMBER
SEE SHEET 3

CONNECTOR NOTES:

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

- ② 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

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

PCB NOTES:

5. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
6. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
8. $\varnothing 0.098[2.49]$ THROUGH HOLES ARE UNPLATED.
9. $\varnothing 0.0453 \pm 0.0010$ [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.

10. 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			
litr	ecn no.	dr	date					COPY		www.fciconnect.com			
T				linear		.XX $\pm$.01/.X $\pm$.3		projection		title 5P + 24S + 1M + 6P R/A SOLDER RECEPT.			
						.XXX $\pm$.005/.XX $\pm$.13							
				angles		.XXX $\pm$.0020/.XXX $\pm$.051		INCH/MM		product family: 3			
				dr		0° $\pm$ 2°		scale		size			
				enr		D. WOLFORD 01/21/99		1:1		dwg no			
				chr		J. BROWN 01/21/99				51625			
				appd		J. BROWN 01/21/99				code			
sheet index		revision sheet								213			
										sheet 4			

B

1 | 2

Pro/E

3 |

cage code 22526

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