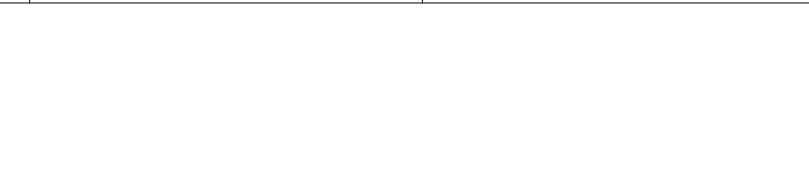
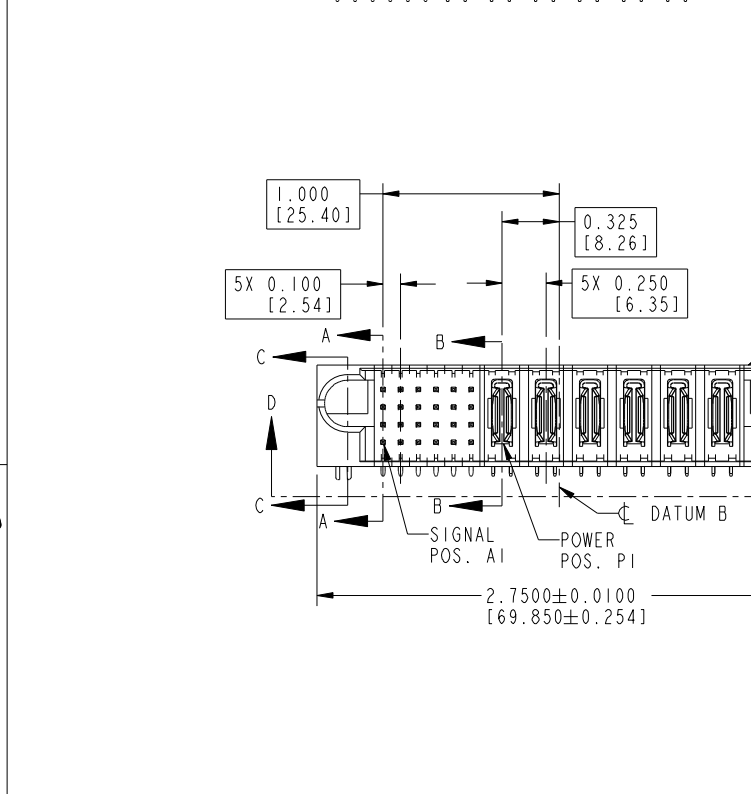
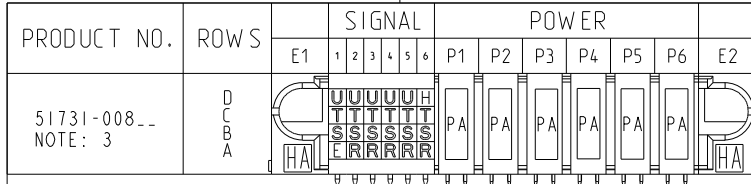


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CODE	DIM "M" MATING LENGTH	DIM "T" TAIL LENGTH	CONTACT TYPE
PA	N/A [N/A]	0.135 [3.43]	POWER
HA	N/A [N/A]	N/A [N/A]	HOLD-DOWN
U	0.270 [6.86]	0.135 [3.43]	SIGNAL
T	0.270 [6.86]	0.135 [3.43]	SIGNAL
S	0.270 [6.86]	0.135 [3.43]	SIGNAL
E	0.220 [5.59]	0.135 [3.43]	SIGNAL
R	0.270 [6.86]	0.135 [3.43]	SIGNAL
H	0.220 [5.59]	0.135 [3.43]	SIGNAL

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	angles	0°±2°	copy	projection
A	V12504	JWS	10/17/01		.XXX±.005/0.XX±0.13				
B	V12523	JWS	11/7/01		.XXX±.0020/0.XXX±0.051				
C	DG05-0458	GuoJM	11/17/05						
D	DG08-0253	SH	09/13/08	dr	J. SHAFFER	enr	J. ALLISON	chr	J. ALLISON
				appr	J. ALLISON		J. ALLISON		J. ALLISON

www.fciconnect.com		title		product family		code	
COPY		24S + 6P		PwrBlade		210	
INCH/MM		RIGHT ANGLE SOLDER HEADER		size		sheet	
scale		A		51731-008		1 of 4	

sheet index	revision sheet	D	D	D	D
		1	2	3	4

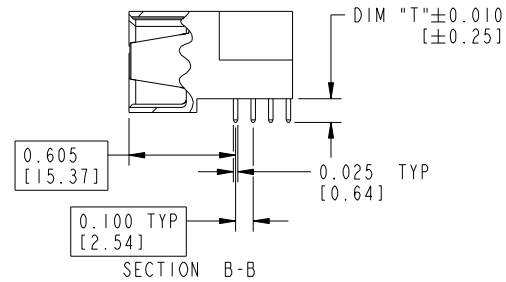
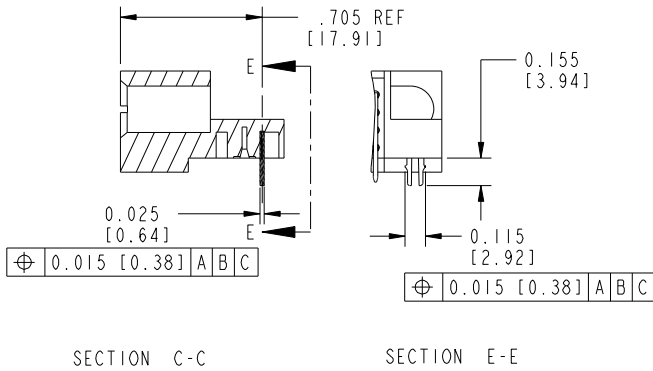
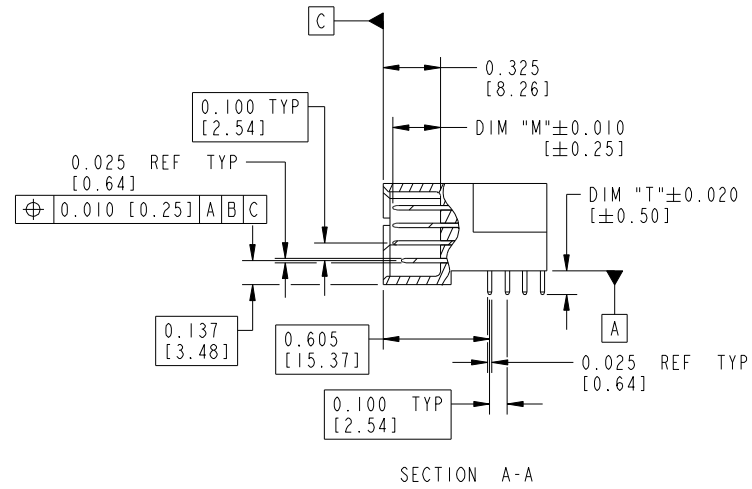
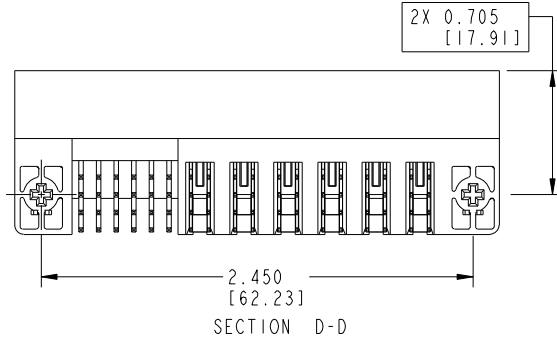
Pro/E

cage code 22526

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PRODUCT NUMBER
51731-008--
NOTE: 3



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			
D					.XXX±.005/0.XX±0.13			title 24S + 6P			
				angles	.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER			
				dr	0°±2°			product family PwrBlade		code 210	
				enr	J. SHAFFER 10/17/01			size dwg no		sheet 2 of 4	
				chr	J. ALLISON 10/17/01			A 51731-008			
				appd	J. ALLISON 10/17/01			scale 1:1			
sheet index		revision sheet									

Pro/E

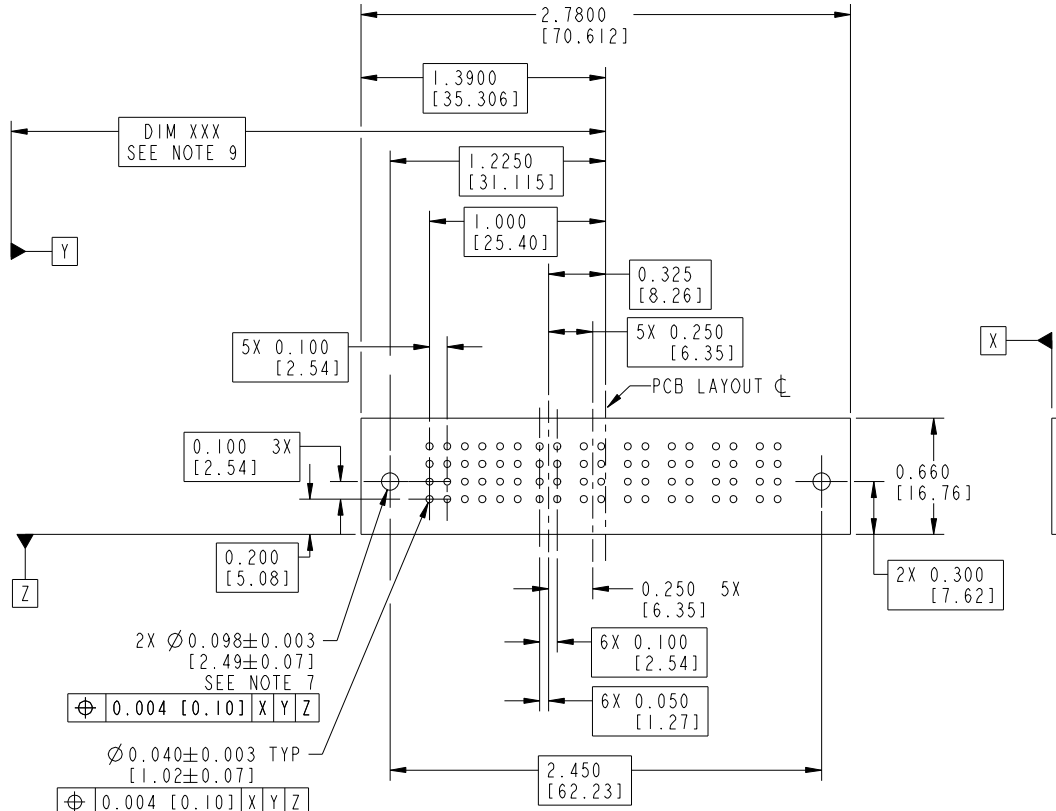
cage code 22526

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PRODUCT NUMBER
51731-008--
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	
D					.XXX±.005/0.XX±0.13	projection		24S + 6P	
				angles	.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	
				dr	0°±?	INCH/MM		product family	
				enr	J. SHAFFER 10/17/01	scale		PwrBlade	
				chr	J. ALLISON 10/17/01	1:1		code	
				appd	J. ALLISON 10/17/01	size		210	
sheet index		revision sheet				dwg no		sheet	
						A		3 of 4	
						51731-008			

cage code 22526

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PRODUCT NUMBER
51731-008_
NOTE:: 3

NOTES:

- DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.
 - HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL CONTACT MATERIAL: COPPER ALLOY
 - PLATING:
⚠ SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51731-008 AND 51731-008LF RESPECTIVELY
 - "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE
 - PRODUCT SPECIFICATION GS-12-149
- PCB NOTES:
- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
 - HOLD DOWN THROUGH HOLES ARE UNPLATED.
 - $\varnothing 0.0453 \pm 0.0010$ [1.151 ± 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 ± 0.07] HOLE.
 - "DIM XXX" TO BE DETERMINED BY THE CUSTOMER
 - 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		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection			
D					.XXX±.005/0.XX±0.13	⊕ ←		title 24S + 6P			
				angles	.XXX±.0020/0.XXX±0.051	INCH/MM		RIGHT ANGLE SOLDER HEADER			
				dr	0°±2°	scale		product family PwrBlade		code	
				enr	J. SHAFFER 10/17/01	1:1		size		210	
				chr	J. ALLISON 10/17/01	A		dwg no		sheet	
				appd	J. ALLISON 10/17/01			51731-008		4 of 4	
sheet index		revision sheet									

cage code 22526

Pro/E