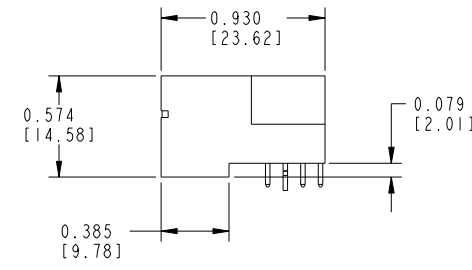
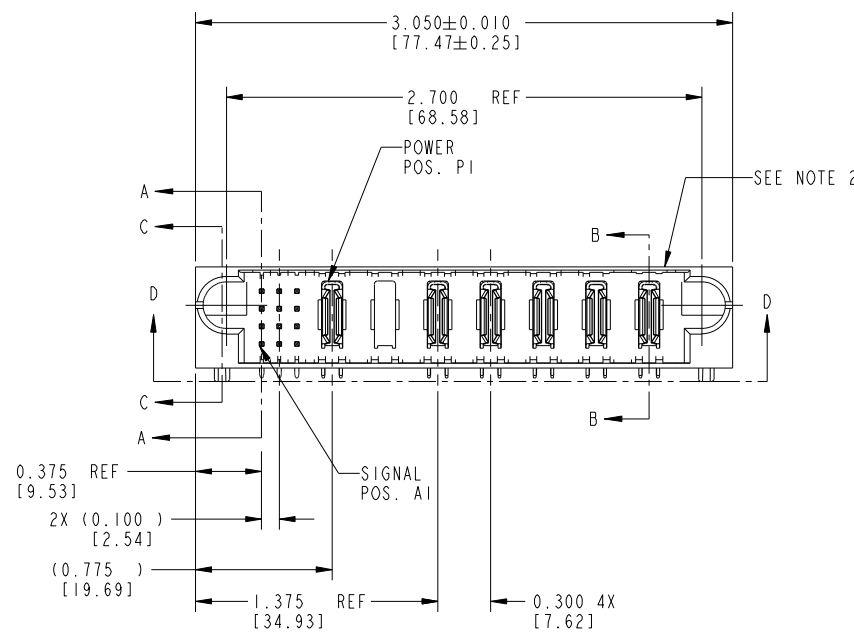
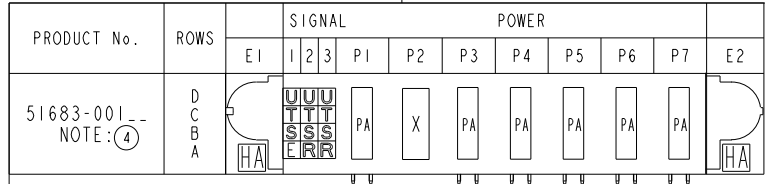


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	N/A [N/A]	POWER
E	0.220 [5.59]	SIGNAL
S	0.270 [6.86]	SIGNAL
T	0.270 [6.86]	SIGNAL
U	0.270 [6.86]	SIGNAL
R	0.270 [6.86]	SIGNAL
HA	N/A [N/A]	HOLD-DOWN
X	OMMITTED	N/A

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER COPY	
litr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	www.fciconnect.com		
A	V02392	JRW	10-10-00		.XXX±.005/0.XX±0.13		title 12S + 7P RIGHT ANGLE SOLDER HEADER		
B	V12544	DAI	02/20/02	angles	.XXX±.0020/0.XXX±.051		product family PWRBLADE code 213		
C	V03-0571	TAB	05/28/03		0°±2°		size dwg no 51683 sheet 1 of 4		
D	DG05-0288	CS	08/18/05	dr	S. ROYER 12/10/99	INCH/MM	scale 1:1		
E	D606-0011	CS	01/09/06	enr	J. BROWN 12/10/99				
F	D608-0253	SH	09/12/08	chr	J. BROWN 12/10/99				
				appd	J. BROWN 01/18/00				
sheet index	revision sheet	F 1	F 2	F 3	F 4				

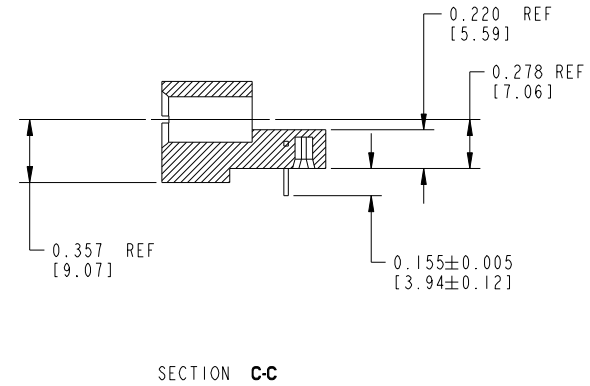
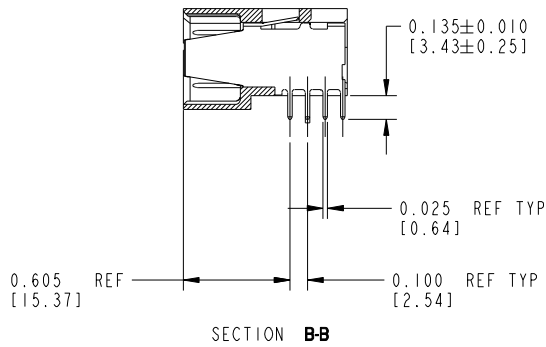
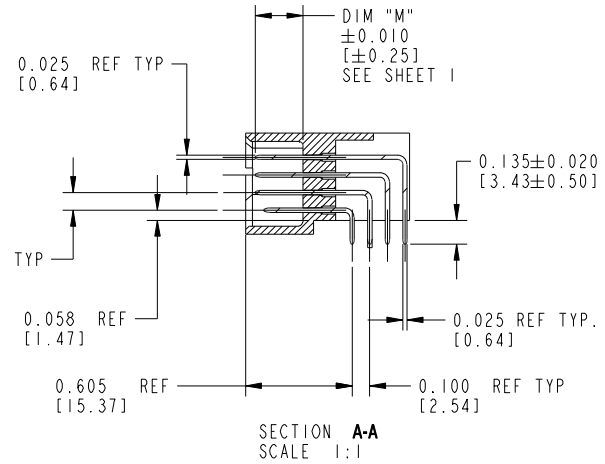
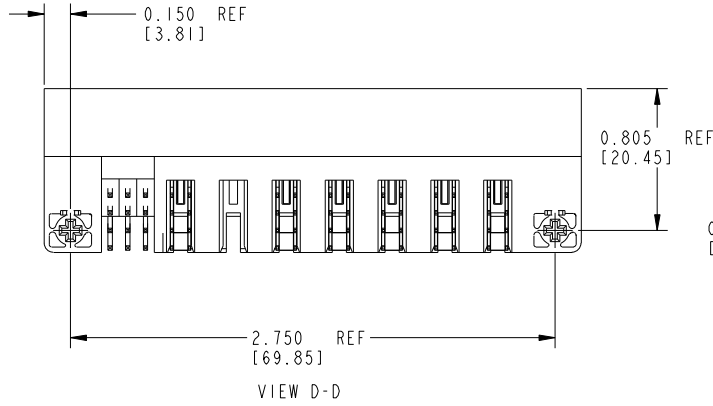
FCI		www.fciconnect.com	
INCH/MM		scale 1:1	
A		cage code 22526	

Pro/E

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PRODUCT NUMBER
51683-001--
NOTE: ④



mat'l code SEE NOTE 1				tolerances unless otherwise specified		CUSTOMER COPY		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection	title 12S + 7P RIGHT ANGLE SOLDER HEADER		
F					.XXX±.005/.XX±.13		product family PWRBLADE code 213		
				angles	.XXX±.0020/.XXX±.051	INCH/MM	size dwg no 51683 sheet 2 OF 4		
				dr	0°±2°	scale 1:1	cage code 22526		
				enr	S. ROYER 12/10/99				
				chr	J. BROWN 12/10/99				
				appd	J. BROWN 01/18/00				
sheet index	revision sheet								

Pro/E

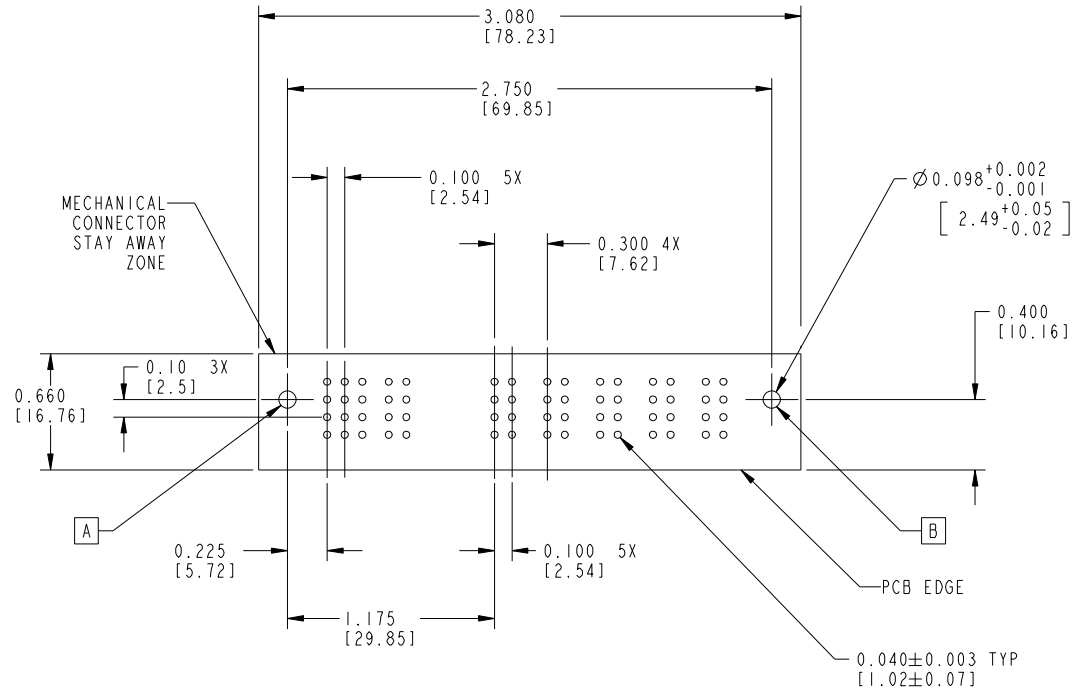
cage code 22526

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PRODUCT NUMBER
51683-001--
NOTE: ④



RECOMMENDED PCB LAYOUT

mat'l code		SEE NOTES		tolerances unless otherwise specified		CUSTOMER COPY		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3	projection		title 12S + 7P RIGHT ANGLE SOLDER HEADER	
F				angles	.XXX±.005/.XX±.13 .XXXX±.0020/.XXX±.051			product family	PWRBLADE
				dr	S. ROYER 12/10/99	scale	1:1	size	A
				enr	J. BROWN 12/10/99			dwg no	51683
				chr	J. BROWN 12/10/99				sheet 3 OF 4
				appd	J. BROWN 01/18/00				
sheet index	revision sheet								

Pro/E

cage code 22526



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PRODUCT NUMBER
 51683-001--
 NOTE: ④

CONNECTORS NOTES:

- ① HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMO PLASTIC
 SIGNAL PIN MATERIAL: COPPER ALLOY
 POWER CONTACT MATERIAL: COPPER ALLOY
- ② "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE
- 3. PRODUCT SPECIFICATION GS-12-149
- ⚠ 4. PLATING:
 SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51683 AND 51683LF RESPECTIVELY

PCB NOTES:

- 5. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
- 6. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF .004
- 7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
- 8. Ø0.098 THROUGH HOLES ARE UNPLATED
- 9. Ø.0453/1.151 DRILLED HOLES
 PLATED WITH .0003/.007 MIN SnPb
 OVER .001/1.03 to .003/.08 PLATING TO ACHIEVE
 A .040±.003/1.02±.08 HOLE

mat'l code		SEE NOTES		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com		
ltr	ecn no.	dr	date	linear	.XX±.01/.X±.3	COPY		 projection	title 12S + 7P RIGHT ANGLE SOLDER HEADER	
F					.XXX±.005/.XX±.13	 INCH/MM				product family
				angles	.XXX±.0020/.XXX±.051	 scale 1:1		 A	PWRBLADE	213
				dr	0°±2°			size	sheet	
				enr	S. ROYER 12/10/99			dwg no	4 of 4	
				chr	J. BROWN 12/10/99			51683		
				appd	J. BROWN 01/18/00					
sheet index	revision sheet									

cage code 22526

Pro/E