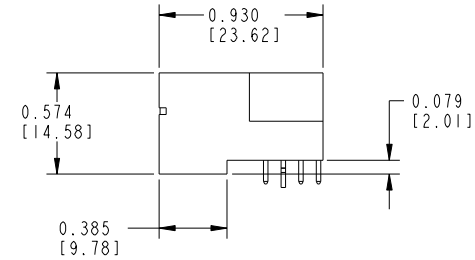
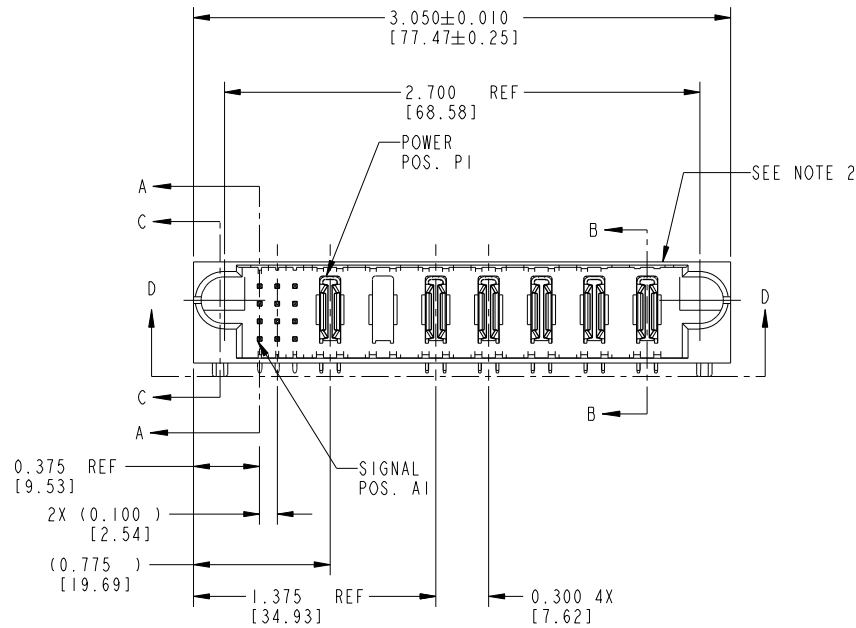


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PRODUCT No.	ROWS	SIGNAL										POWER							E2
		E1	I	2	3	P1	P2	P3	P4	P5	P6	P7							
51683-001-- NOTE: ④	D C B A		UUU	TTT	SSS	ERR	PA	X	PA	PA	PA	PA	PA	PA	PA	PA			



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		 www.fciconnect.com			
litr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3				projection 	title 12S + 7P RIGHT ANGLE SOLDER HEADER	product family PWRBLADE code 213						
A	V02392	JRW	10-10-00		.XXX±.005/0.XX±0.13												
B	V12544	DAI	02/20/02		.XXXX±.0020/0.XXX±.051												
C	V03-0571	TAB	05/28/03	angles	0°±2°				INCH/MM 	scale 1:1	size A	dwg no 51683 sheet 1 of 4					
D	DG05-0288	CS	08/18/05	enr	S. ROYER 12/10/99												
E	DG06-0011	CS	01/09/06	chr	J. BROWN 12/10/99												
F	DG08-0253	SH	09/12/08	chr	J. BROWN 12/10/99				appd	J. BROWN	01/18/00						
sheet index		revision sheet		F	F	F	F										
				I	2	3	4										

Pro/E

3

cage code 22526

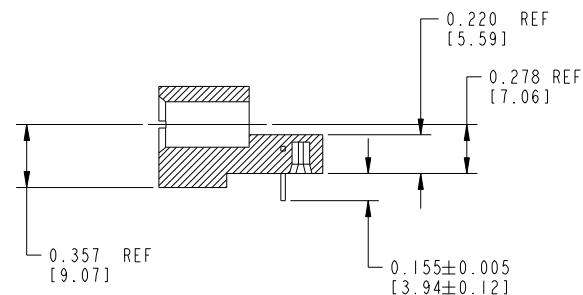
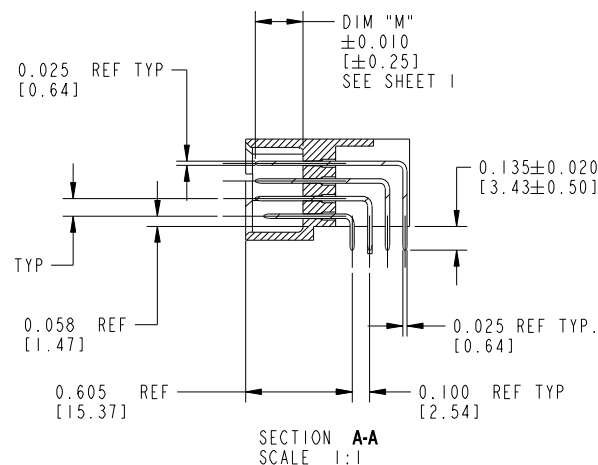
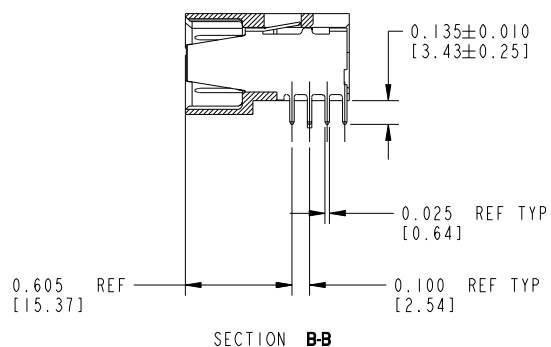
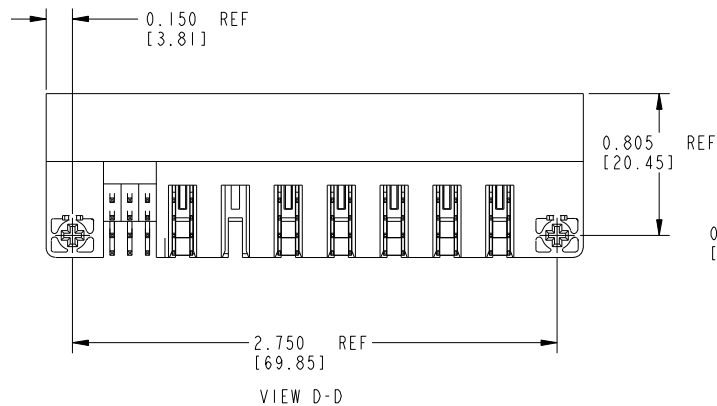
4

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PRODUCT NUMBER
51683-001--
NOTE: ④



mat'l code SEE NOTE 1				tolerances unless otherwise specified		CUSTOMER COPY		 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					
				angles	.XXX±.0020/.XXX±.051	INCH/MM 	product family		PWRBLADE	code
				dr	S. ROYER 12/10/99		size	dwg no	51683	213
				enr	J. BROWN 12/10/99		scale 1:1			sheet
				chr	J. BROWN 12/10/99					2 OF
				appd	J. BROWN 01/18/00					
sheet index	revision sheet									

Pro/E

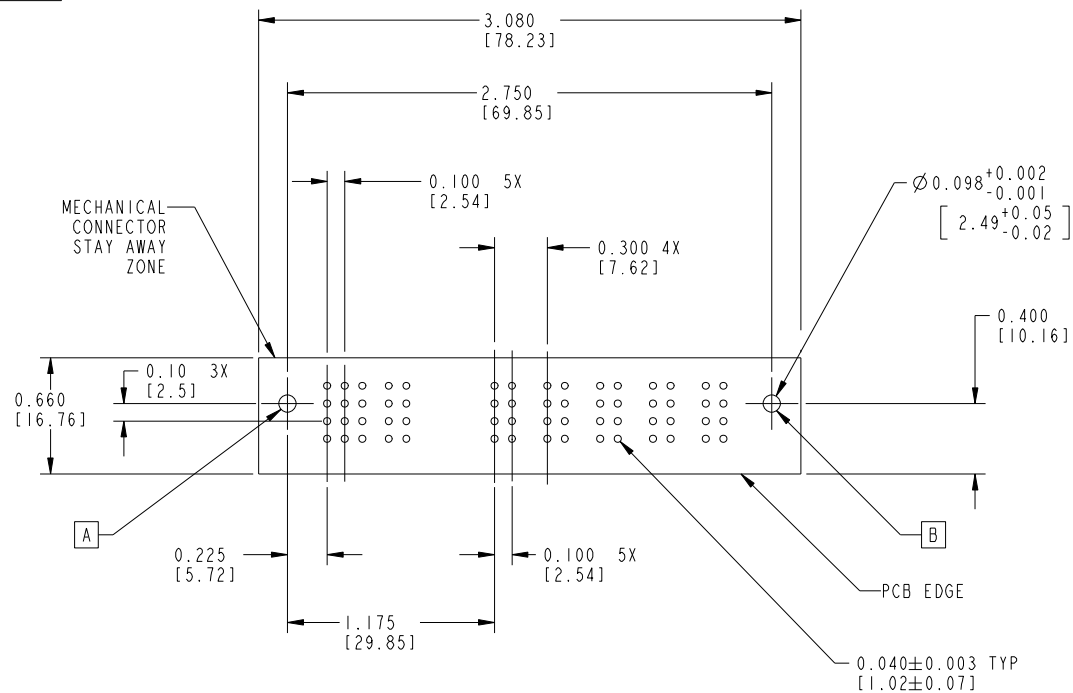
cage code 22526



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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	
litr	ecn no.	dr	date										
F						linear	.XX±.01/.X±.3	projection		title 12S + 7P RIGHT ANGLE SOLDER HEADER			
							.XXX±.005/.XX±.13						
						angles	.XXX±.0020/.XXX±.051						
						dr	0°±2°						
						enrg	S. ROYER 12/10/99	INCH/MM		product family PWRBLADE		code 213	
						chr	J. BROWN 12/10/99	scale		size dwg no 51683		sheet 3 OF 4	
						appd	J. BROWN 01/18/00	1:1		A			
sheet index	revision sheet												

Pro/E

cage code 22526

A

B

4

51683-001--
NOTE: (4)

① HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMO PLASTIC
SIGNAL PIN MATERIAL: COPPER ALLOY
POWER CONTACT MATERIAL: COPPER ALLOY

3. 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 .004
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
8. $\varnothing 0.098$ THROUGH HOLES ARE UNPLATED
9. $\varnothing .0453/1.151$ DRILLED HOLES
PLATED WITH .0003/.007 MIN SnPb
OVER .001/1.03 to .003/.08 PLATING TO ACHIEVE
A .040 $\pm$.003/1.02 $\pm$.08 HOLE

A

B

cage code	22526
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