

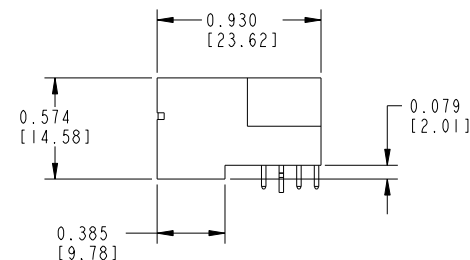
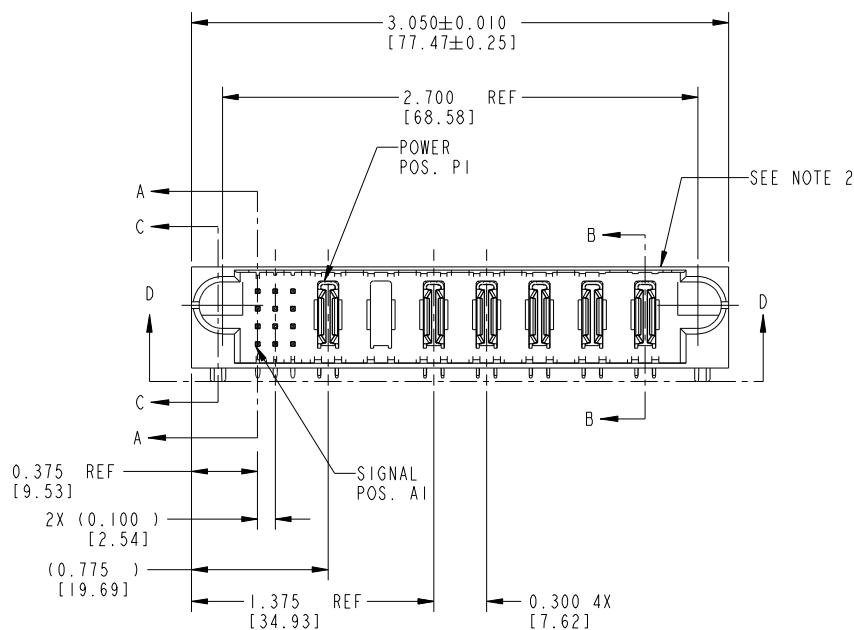


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CODE	DIM "M" MATING LENGTH		CONTACT TYPE
PA	N/A	[N/A]	POWER
E	0.220	[5.59]	SIGNAL
S	0.270	[6.86]	SIGNAL
T	0.270	[6.86]	SIGNAL
U	0.270	[6.86]	SIGNAL
R	0.270	[6.86]	SIGNAL
HA	N/A	[N/A]	HOLD-DOWN
X	OMMITTED		N/A

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	



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

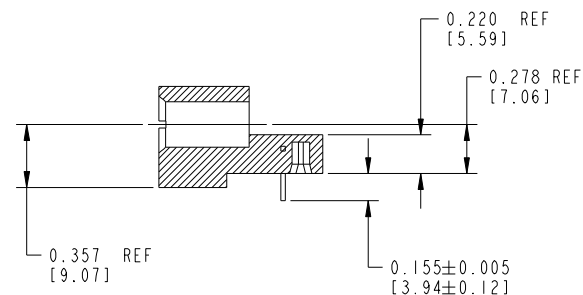
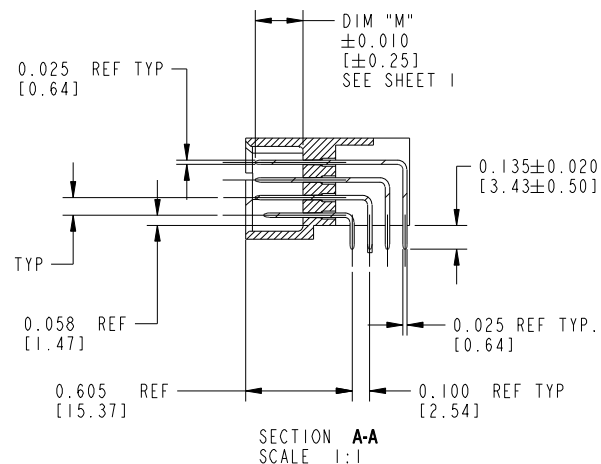
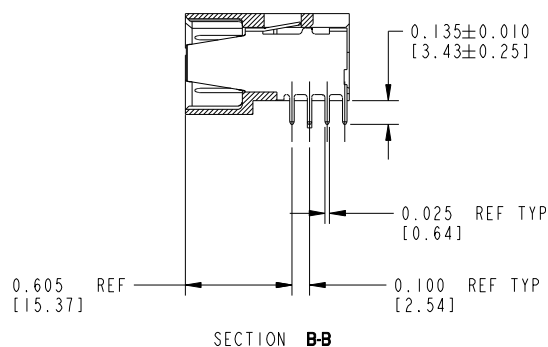
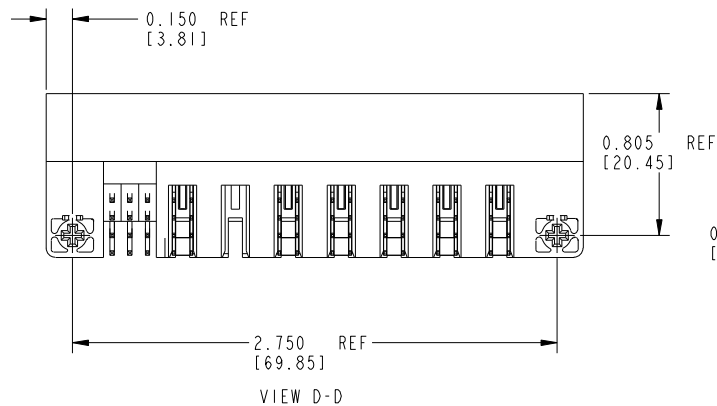
Pro/E

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

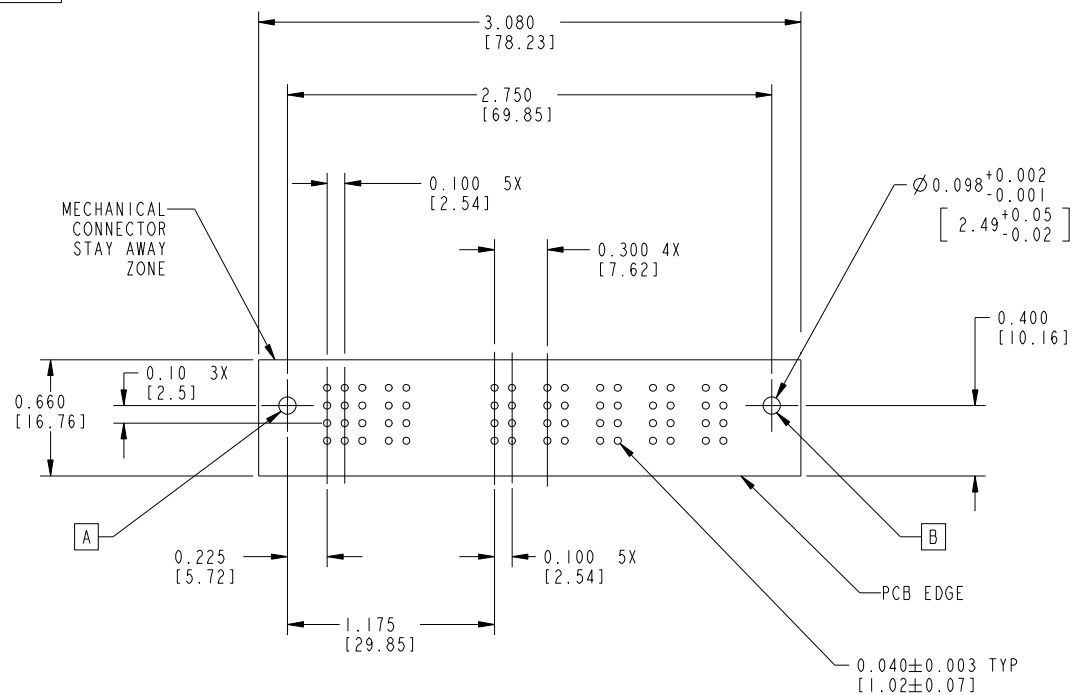
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PRODUCT NUMBER
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NOTE: ④



RECOMMENDED PCB LAYOUT

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

Pro/E

cage code 22526

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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

- ② "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE

4. PLATING:
SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51683 AND 51683LF RESPECTIVELY

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

[illegible]

cage code	22526
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