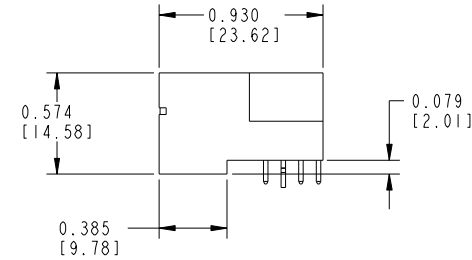
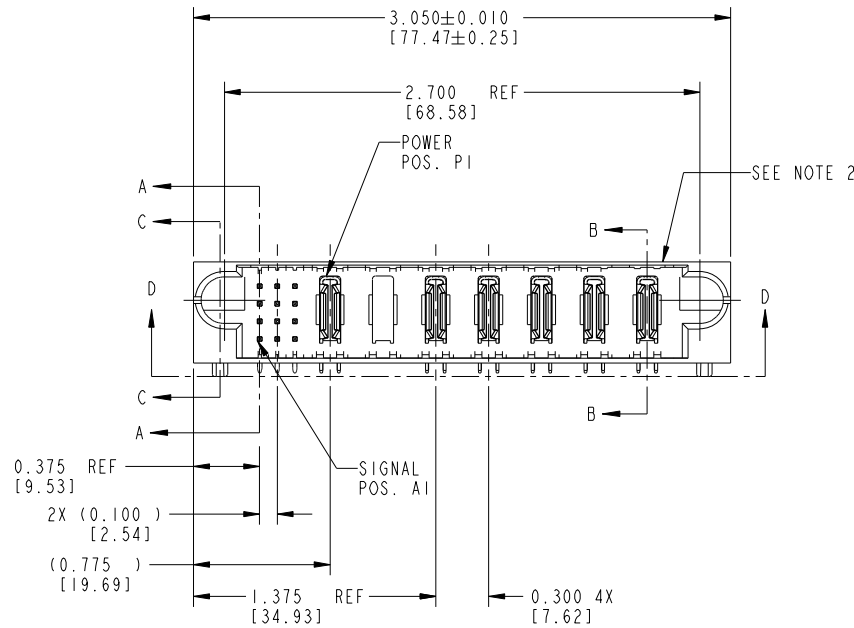


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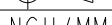


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PRODUCT No.	ROWS	SIGNAL										POWER							E2
		E1	I	2	3	P1	P2	P3	P4	P5	P6	P7							
51683-001-- NOTE: ④	D C B A		UUU	TTT	SSS	ERR	PA	X	PA	PA	PA	PA	PA	PA	PA	PA			
			U	U	U				U	U	U	U	U	U	U	U			



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	ecn no.	dr	date	linear	.XX±.01/0.X±0.3				projection 		title 12S + 7P RIGHT ANGLE SOLDER HEADER	product family PWRBLADE	code 213	sheet 1 of 4			
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 dwg no 51683	A					
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										
				1	2	3	4										

Pro/E

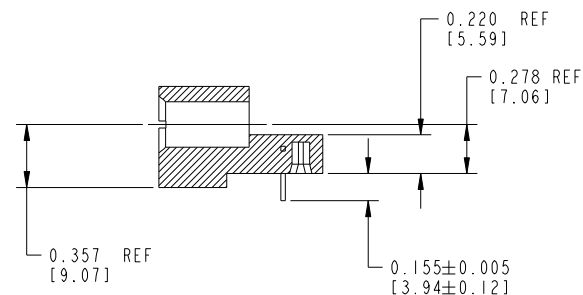
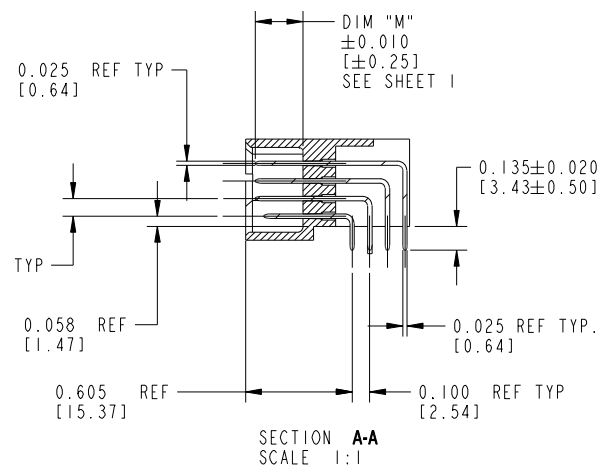
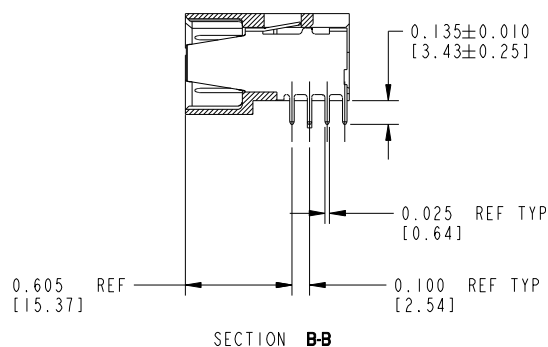
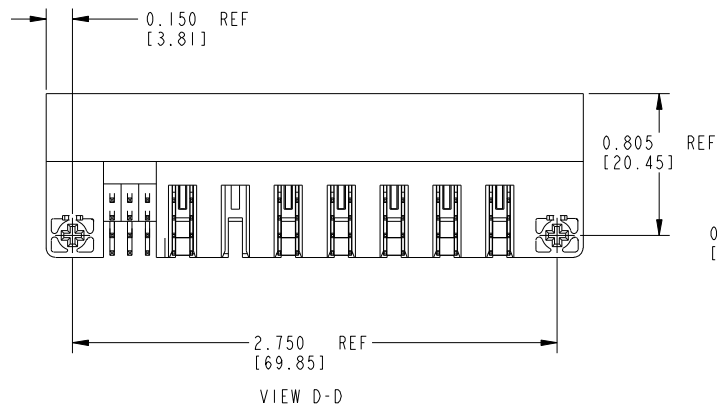
cage code 22526

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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	
litr	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
				enrg	J. BROWN 12/10/99		size	dwg no	sheet
				chr	J. BROWN 12/10/99		scale	1:1	2 OF
				appd	J. BROWN 01/18/00		A		
sheet index	revision sheet								

Pro/E

cage code 22526



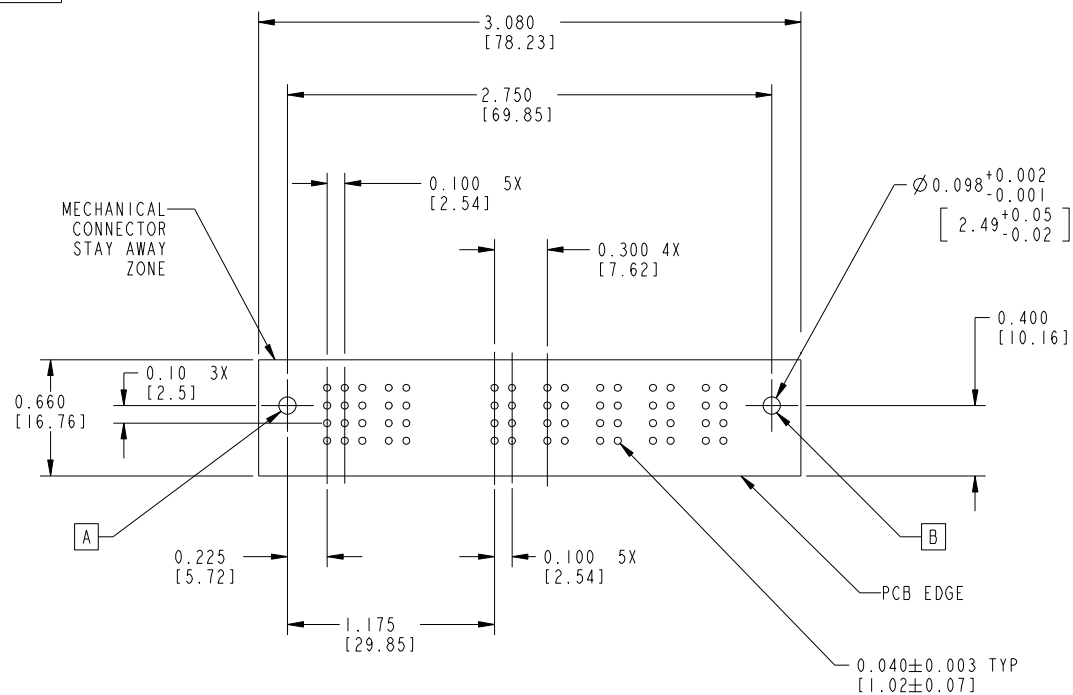
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A

B

PRODUCT NUMBER
51683-001--
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			product family	PWRBLADE	code	213		
					0°±2°						INCH/MM		size
				dr	S. ROYER 12/10/99		scale	1:1	A				
				enrg	J. BROWN 12/10/99								
				chr	J. BROWN 12/10/99								
				appd	J. BROWN 01/18/00								
sheet index		revision sheet											

Pro/E

3

cage code 22526

4

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

- 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

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

cage code	22526
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4

Pro/E

3

Mouser Electronics

Authorized Distributor

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