

PRODUCT NO.	ROWS	SIGNAL		POWER									E1
		E2	6 5 4 3 2 1	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1
51940-123	D C B A												

A

A

B

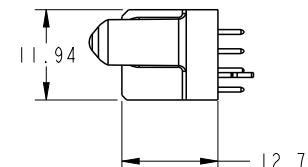
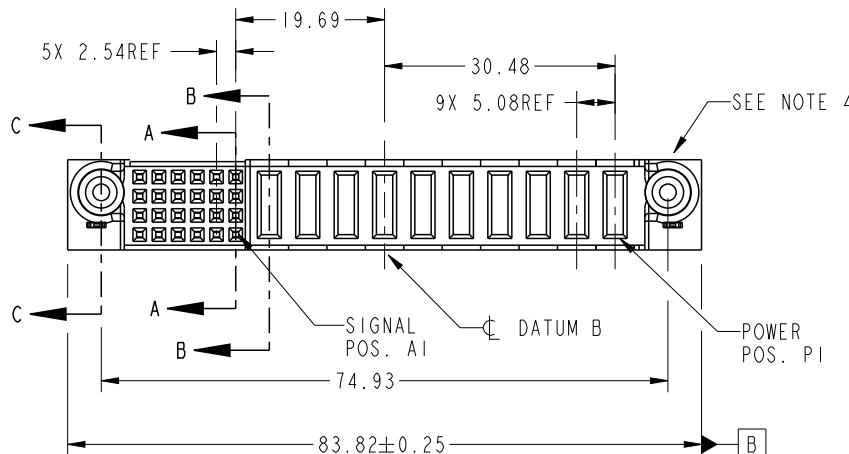
B

C

C

D

D



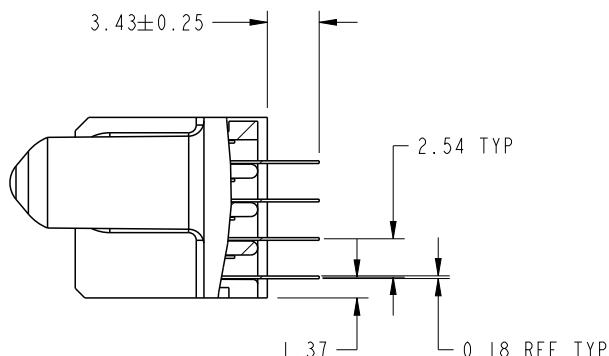
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	N/A [N/A]	SIGNAL
PA	0.042 [1.07]	POWER
HA	N/A [N/A]	HOLD-DOWN

spec ref	* TOLERANCES UNLESS OTHERWISE SPECIFIED		dr	w wcadmin	2006/06/19	projection	MM	size	scale
tolerance std			eng	Luo Weller	2014/11/05			A4	1:1
			chr	-	-				
			appr	Pei-Ming Zheng	2014/11/05	product family	PwrBlade	rel level	Released
surface	✓	linear	0.X	±0.50		10P + 24S	dwg no	51940-123	rev B
			0.XX	±0.25		+ VERTICAL SOLDER RECEPT			
			0.XXX	±0.10					
		angular	0°	±2°	www.fci.com	cat. no.	*	Product - Customer Drw	sheet 1 of 4

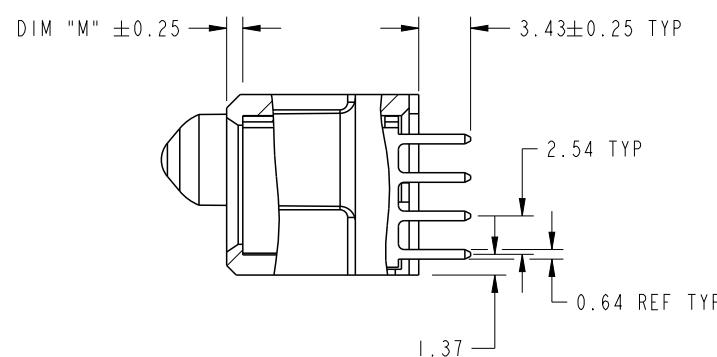
Pro/E File - REV C - 2009-06-09

PRODUCT NUMBER
51940-123
NOTE (3)

A



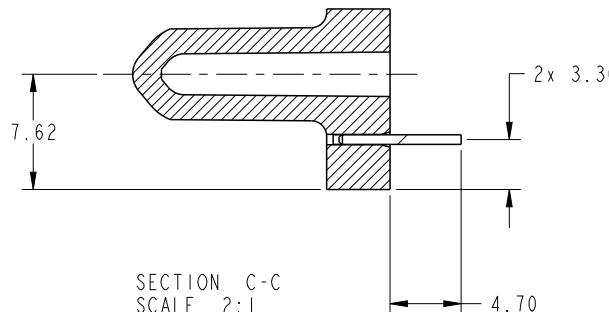
SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1

B

A



SECTION C-C
SCALE 2:1

C

B

D

C

D

dr	wcadmin	2006/06/19	projection	MM	size	A4	scale
eng	Luo Weller	2014/11/05			ecn no	ELX-DG-19309-1	
chr	-	-			rel level	Released	
appr	Pei-Ming Zheng	2014/11/05	product family	PwrBlade	dwg no	51940-123	
		10P + 24S VERTICAL SOLDER RECEPT				rev	B
www.fci.com		cat. no.		*	Product - Customer Drw		sheet 2 of 4

PRODUCT NUMBER
51940-123
NOTE (3)

A

A

B

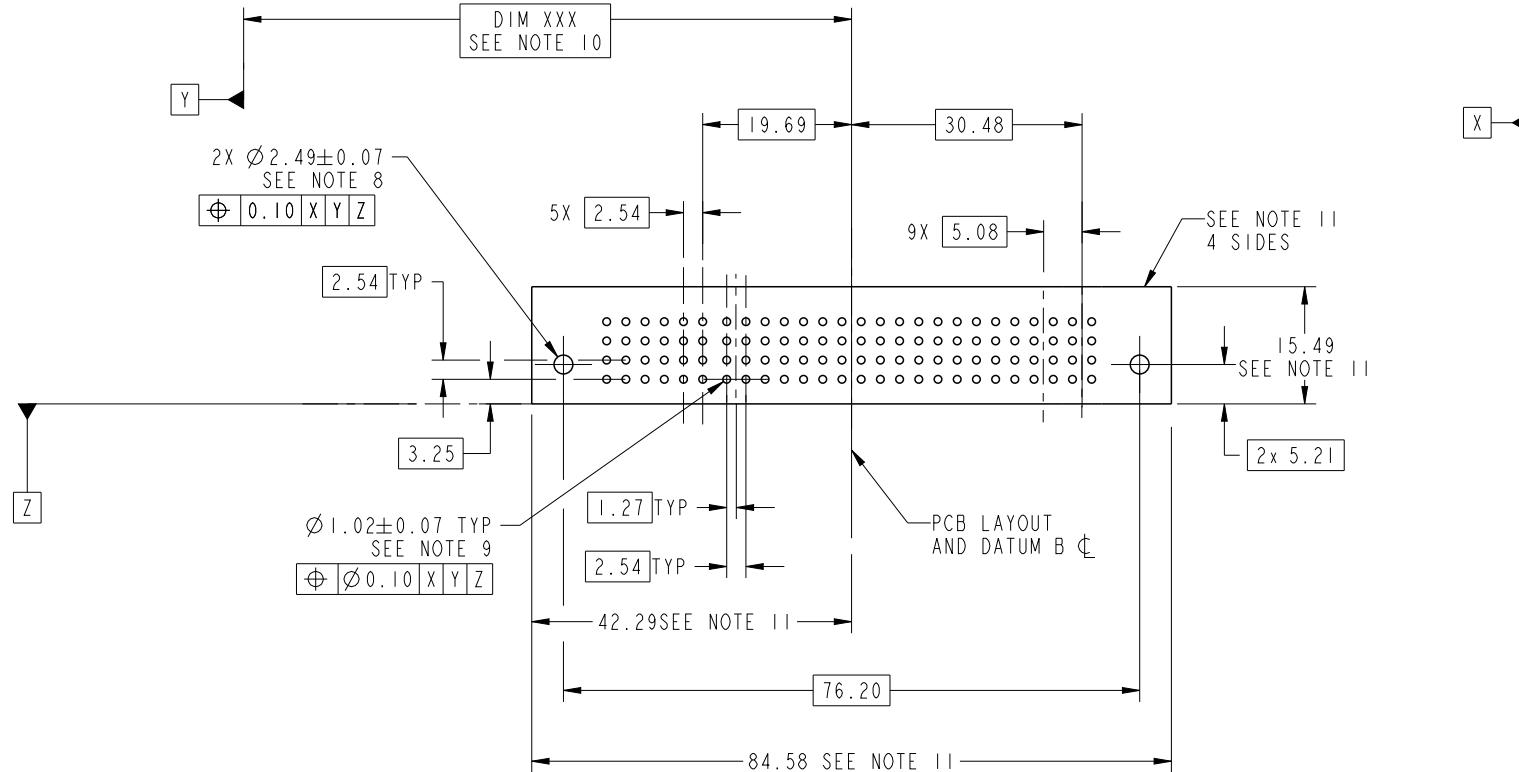
B

C

C

D

D



dr	wcadmin	2006/06/19	projection	MM	size	A4	scale
eng	Luo Weller	2014/11/05					
chr	-	-					
appr	Pei-Ming Zheng	2014/11/05	product family	PwrBlade	rel level	Released	
		10P + 24S			dwg no	51940-123	rev
www.fci.com		VERTICAL SOLDER RECEPT					B
cat. no.		*	Product - Customer Drw		sheet 3 of 4		

PRODUCT NUMBER	51940-123
NOTE	(3)

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

A

A

CONNECTOR NOTES:

(2) HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

3. SEE ITEM 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51940-123 AND 51940-123LF RESPECTIVELY.

B

B

(4) MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE P/N CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.

6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

C

C

(8) MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

(9) $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH 0.008 MIN SnPb OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE $\varnothing 1.02 \pm 0.07$ HOLE.

(10) "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

(11) CONNECTOR KEEP-OUT ZONE.

12. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE OPTIONAL AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZE THE MOLDING PROCESS. THE VOID CORING WILL NOT EFFECT TO PRODUCT FUNCTION.

dr	w wadmin	2006/06/19		MM 	size A4 scale 1 : 1
eng	Luo Weller	2014/11/05			
chr	-	-			
appr	Pei-Ming Zheng	2014/11/05			
				ecn no	ELX-DG-19309-1
				rel level	Released
				dwg no	51940-123
				rev	B
				cat. no.	*
				Product - Customer Drw	sheet 4 of 4