

PRODUCT NO.	POWER				
	E2	P3	P2	P1	E1
51940-467-- NOTE: 3		PA	PA	PA	

A

A

B

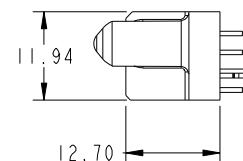
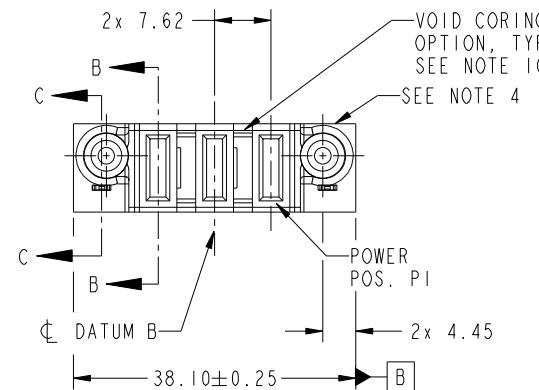
B

C

C



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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[1.07]	POWER
HA	[N/A]	HOLD-DOWN
size	scale	
A4	1:1	
		*
ecn no	rel level	Released

spec ref	*	dr	Weller Luo	2012-11-19
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Weller Luo	2012-12-14
SEE NOTE		chr	-	-
		appr	PM ZHENG	2012-12-14



3ACP

VERTICAL SOLDER RECEPT

surface	linear	0.X	±0.5
		0.XX	±0.25
		0.XXX	±0.1
	angular	0°	±2°

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*

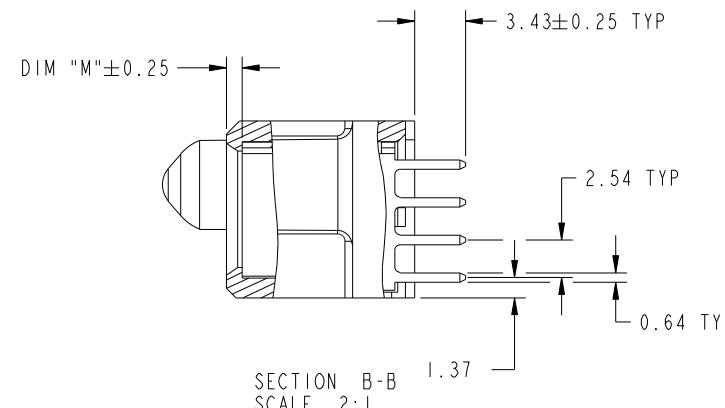
Product - Customer Drw

sheet 1 of 4

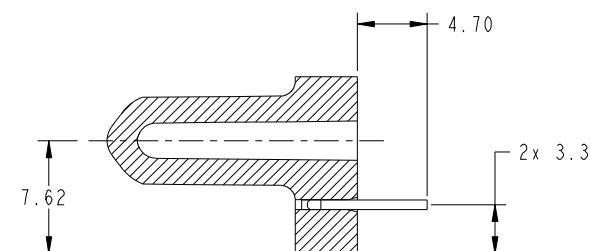
PRODUCT NUMBER

51940-467--
NOTE: 3

A



B



C

SECTION C-C
SCALE 2:1

D

dr	Weller Luo	2012-11-19	projection	MM	size	A4	scale
eng	Weller Luo	2012-12-14			ecn no		*
chr	-	-			rel level		
appr	PM ZHENG	2012-12-14	product family	PwrBlade			Released
FCI	3ACP				51940-467		A
www.fci.com	cat. no.	*	Product - Customer Draw		sheet 2 of 4		

PRODUCT NUMBER

51940-467--
NOTE: 3

2

3

4

A

A

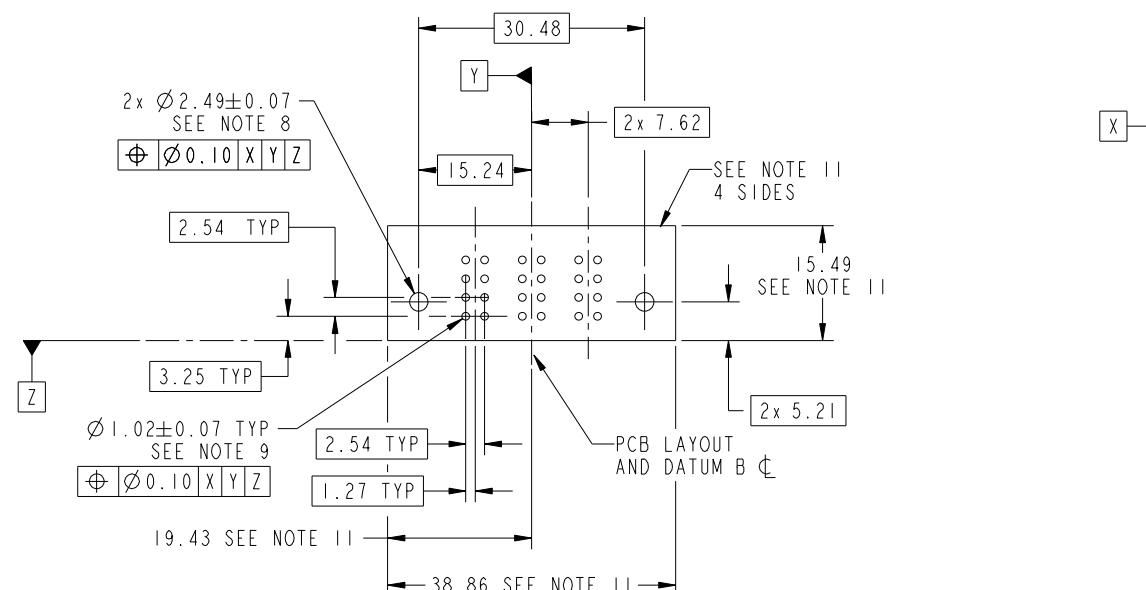
B

B

C

C

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RECOMMENDED PCB LAYOUT

dr	Weller Luo	2012-11-19	projection 	MM	size	A4	scale
eng	Weller Luo	2012-12-14			ecn no	*	
chr	-	-			rel level		
appr	PM ZHENG	2012-12-14			PwrBlade		Released
FCI	3ACP				51940-467		A
www.fci.com	cat. no.	*	Product - Customer Draw		dwg no		rev
		*					

PRODUCT NUMBER

51940-467--
NOTE: 3

NOTES:

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

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 51940-467 AND 51940-467LF RESPECTIVELY.

(4) MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON
THIS SURFACE. THE MARK 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.

(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. 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.

(11) CONNECTOR KEEP-OUT ZONE.



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dr	Weller Luo	2012-11-19	projection 	MM	size	A4	scale
eng	Weller Luo	2012-12-14			ecn no		*
chr	-	-			rel level		
appr	PM ZHENG	2012-12-14			PwrBlade		Released
FCI	e +	3ACP			dwg no	51940-467	rev
	+	VERTICAL SOLDER RECEPT					A
www.fci.com	cat. no.	*	Product - Customer Drw		sheet	4	of 4