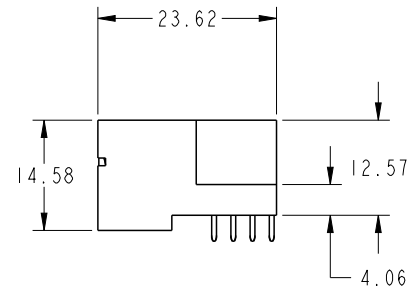
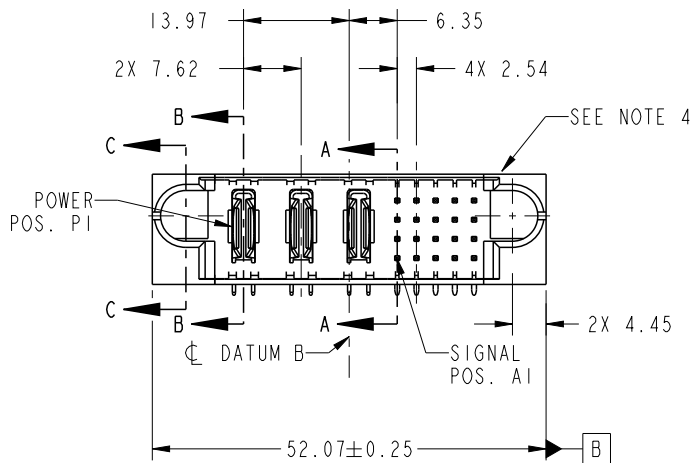




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PRODUCT NO.	ROWS	POWER				SIGNAL					E2
		E1	P1	P2	P3	1	2	3	4	5	
51939-700-- NOTE 3	D C B A										



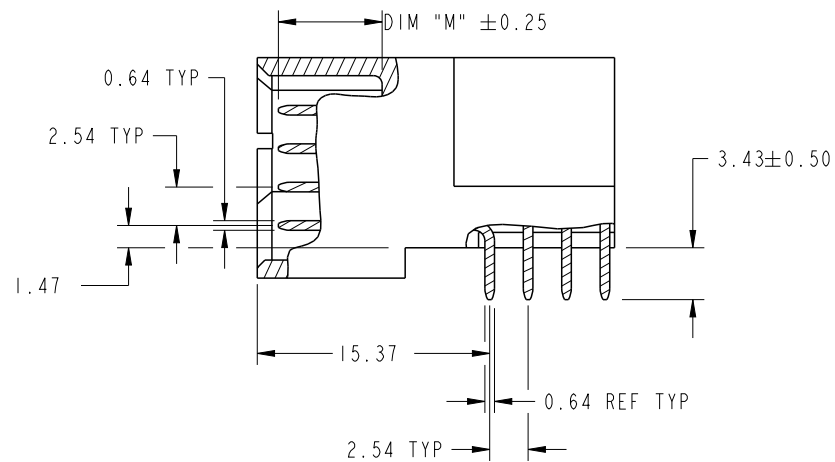
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER

spec ref	*	dr	Luo Weller	2012/08/27	projection	MM	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Luo Weller	2012/08/31			ecn no	-		
SEE NOTE		chr	-	-			rel level	Released		
surface	linear	appr	Pei-Ming Zheng	2012/09/03	product family	PwrBlade	dwg no	51939-700	rev	A
	angular									
	0°									
	±0.5									
	±0.25									
	±0.1									
	±2°									

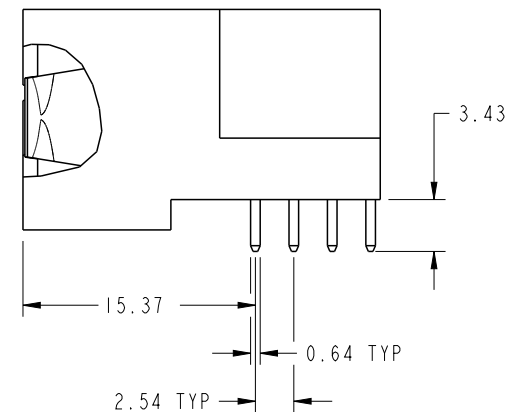
PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

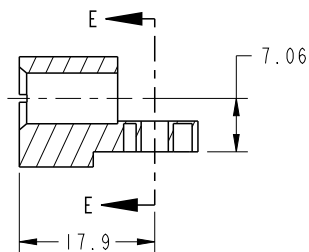
51939-700--
NOTE: 3



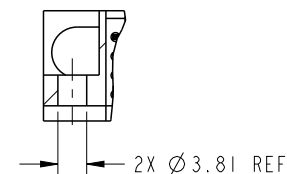
BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1



SECTION C-C



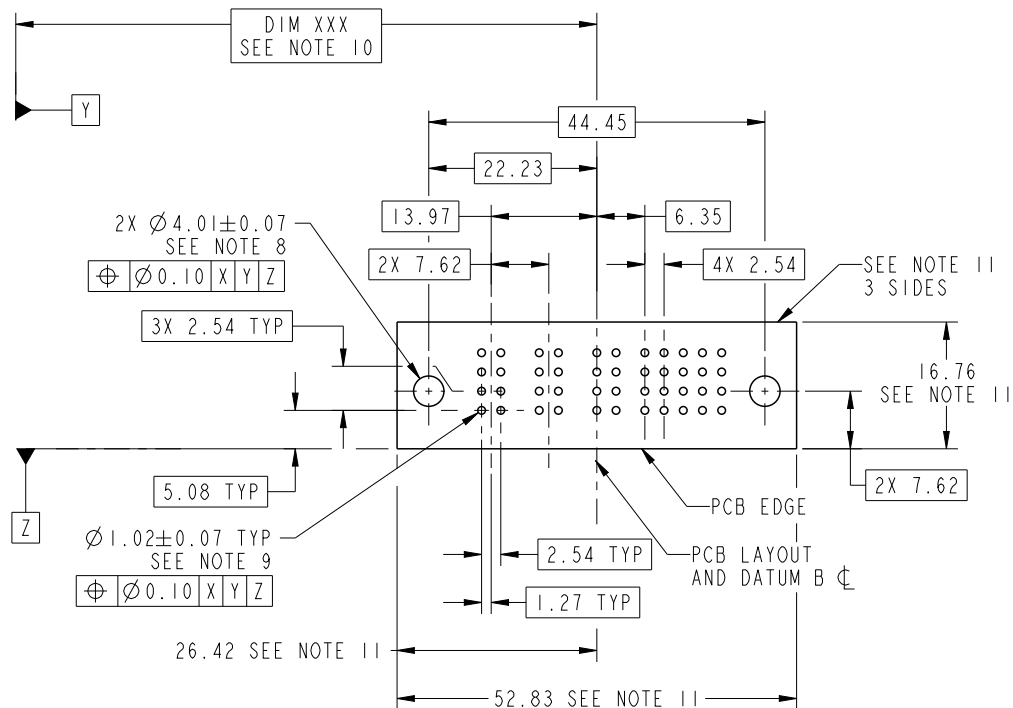
SECTION E-E

dr	Luo Weller	2012/08/27	projection	MM	size	A4	scale	1:1
eng	Luo Weller	2012/08/31			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2012/09/03	product family	PwrBlade				
	title	3ACP + 20S RIGHT ANGLE SOLDER HEADER	dwg no	51939-700	rev	A		
www.fci.com	cat. no.	-	Product - Customer Drw	sheet 2 of 4				

PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

51939-700--
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Luo Weller	2012/08/27	projection	MM	size	A4	scale	1:1
eng	Luo Weller	2012/08/31			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2012/09/03	product family	PwrBlade				
FCI		title	3ACP + 20S RIGHT ANGLE SOLDER HEADER		dwg no	51939-700		rev
www.fci.com		cat. no.	-	Product - Customer Drw	sheet 3 of 4			A



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PRODUCT NUMBER
51939-700--
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 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-700 AND 51939-700LF RESPECTIVELY.
 - 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.
 - 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.

dr	Luo Weller	2012/08/27	projection	MM	size	A4	scale	1:1
eng	Luo Weller	2012/08/31			ecn no	-		
chr	-	-						
appr	Pei-Ming Zheng	2012/09/03	product family		PwrBlade	rel level		Released
	title				dwg no		rev	
	3ACP + 20S				51939-700		A	
	RIGHT ANGLE SOLDER HEADER							
www.fci.com	cat. no.		-	Product - Customer Drw			sheet 4 of 4	