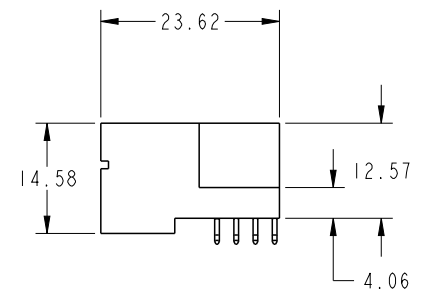
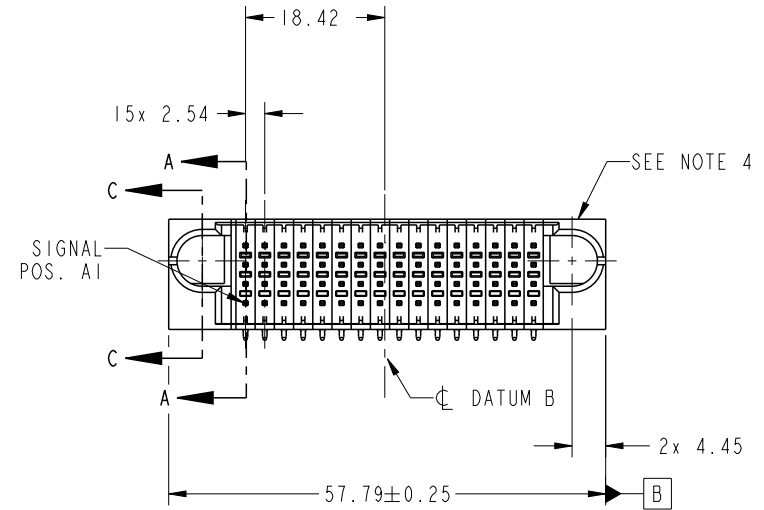


PRODUCT NO. 51939-756NSP-- NOTE 3	ROWS D C B A	SIGNAL															
		E1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
SA	[6.86]	SIGNAL
SB	[6.86]	SIGNAL
SC	[6.86]	SIGNAL
SD	[6.86]	SIGNAL

spec ref	*	dr	Sky Chen	2013/04/17	projection	MM	size	A4	scale	1:1	
tolerance std	ASME Y14.5	eng	Ruan MT	2014/01/22			ecn no	-	Released		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			product family	PwrBlade			rel level
surface		appr	Pei-Ming Zheng	2014/01/22			64S		title	51939-756NSP	rev A
ASME Y14.5		linear	0.X	±0.5		RIGHT ANGLE PRESS FIT HEADER		dwg no	Product - Customer Drw		sheet 1 of 4
		angular	0°	±2°		www.fci.com	cat. no.	STATUS:Released		Printed: Jan 22, 2014	

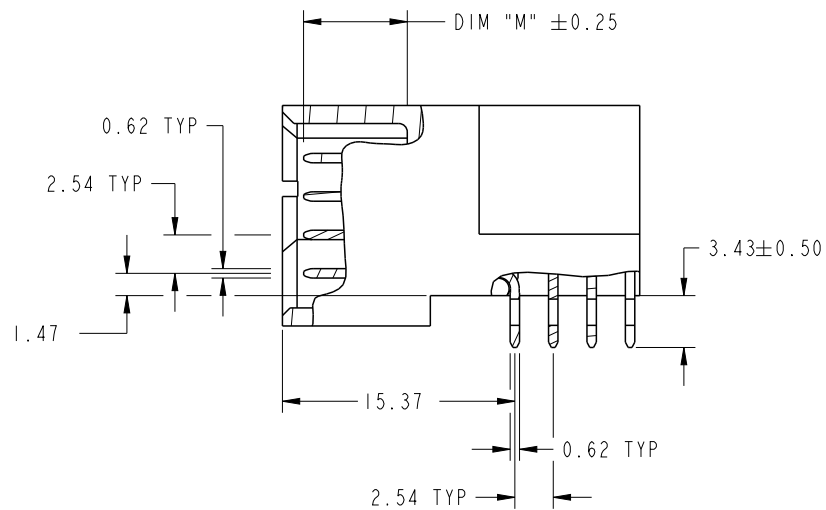


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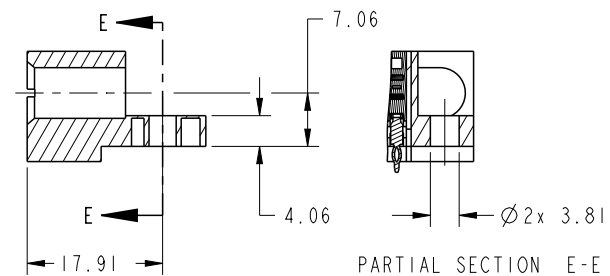
PwrE File - REV C - 2009-06-09

PRODUCT NUMBER

51939-756NSP__
NOTE: 3



SECTION A-A
SCALE 2:1



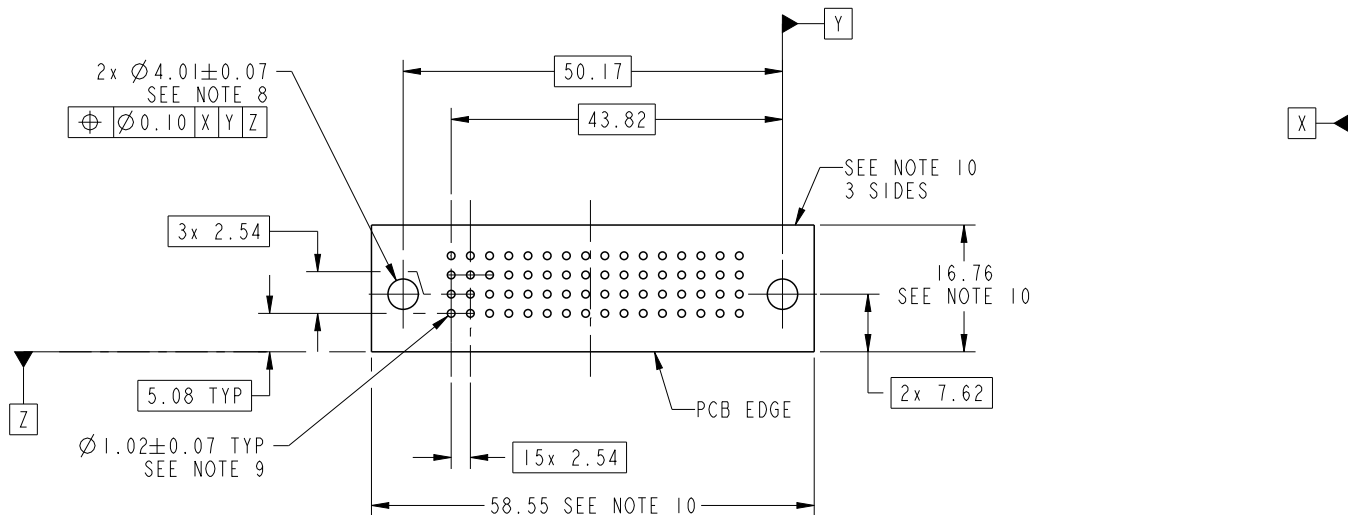
SECTION C-C

PARTIAL SECTION E-E

dr	Sky Chen	2013/04/17	projection 	MM 	size	A4	scale	1:1
eng	Ruan MT	2014/01/22			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/01/22	product family	PwrBlade	rev	A		
	title	64S RIGHT ANGLE PRESS FIT HEADER	dwg no	51939-756NSP	www.fci.com	cat. no.	Product - Customer Drw	sheet 2 of 4

PRODUCT NUMBER

51939-756NSP__
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Sky Chen	2013/04/17	projection 	MM ←————→	size	A4	scale	1:1
eng	Ruan MT	2014/01/22			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/01/22	product family	PwrBlade				
	title	64S RIGHT ANGLE PRESS FIT HEADER		dwg no	51939-756NSP		rev	A
www.fci.com	cat. no.	Product - Customer Drw			sheet 3 of 4			

PRODUCT NUMBER

51939-756NSP--
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 3 & 4 IN PRINT 10064183 FOR PLATING SPEC OF 51939-756NSP AND 51939-756NSPLF 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. CONNECTOR KEEP-OUT ZONE.



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dr	Sky Chen	2013/04/17	projection 	MM 	size	A4	scale	1:1	
eng	Ruan MT	2014/01/22			ecn no	-			
chr	-	-							
appr	Pei-Ming Zheng	2014/01/22	product family	PwrBlade	rel level	Released			
		title	64S RIGHT ANGLE PRESS FIT HEADER		dwg no	51939-756NSP		rev	A
www.fci.com		cat. no.	Product - Customer Drw			sheet 4 of 4			