



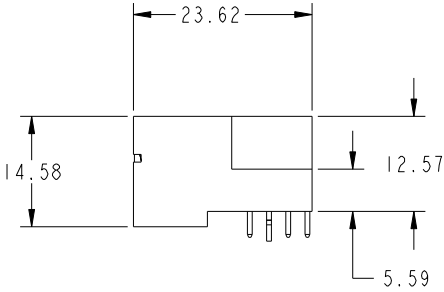
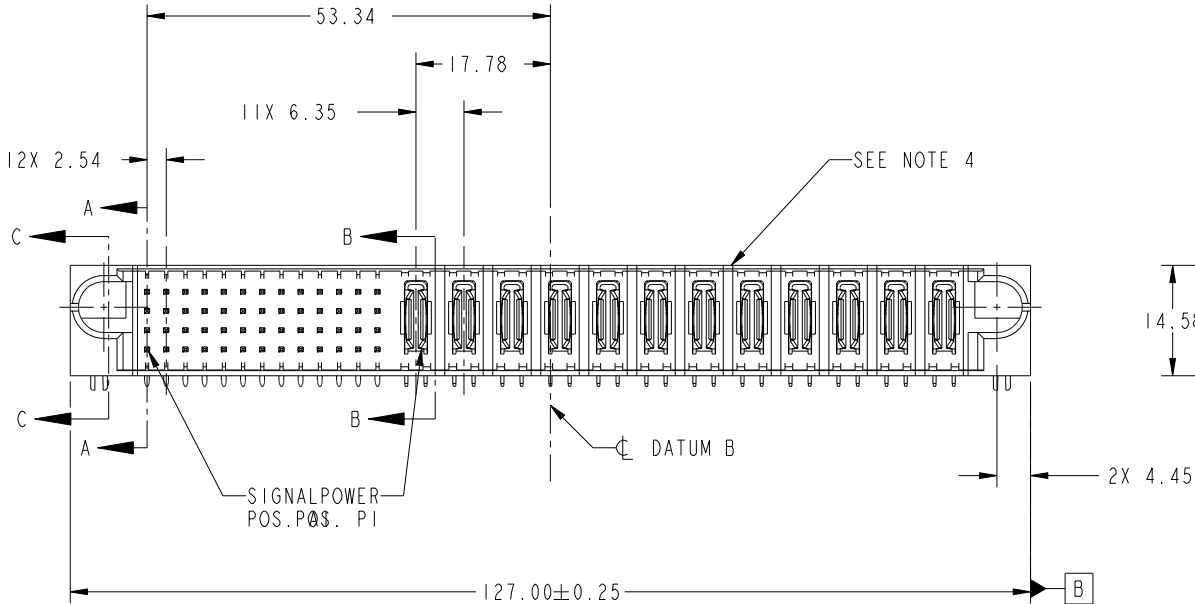



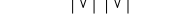




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PRODUCT NO.	ROWS	SIGNAL												POWER														
		E1	1	2	3	4	5	6	7	8	9	10	11	12	13	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	E2
51939-646 -- NOTE 3	D C B A		UUUUUUUUUUUUUUUU	TTTTTTTGGTTTTTTT	SSSSSFFSSSSSSSS	RRRRRRRRRRRRRRRR										PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	
			UUUUUUUUUUUUUUUU	TTTTTTTGGTTTTTTT	SSSSSFFSSSSSSSS	RRRRRRRRRRRRRRRR										PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	



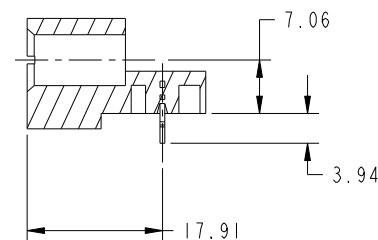
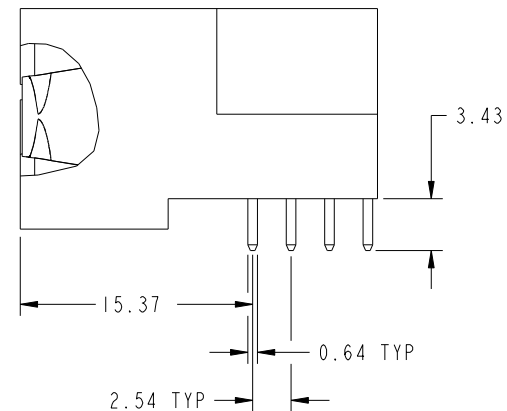
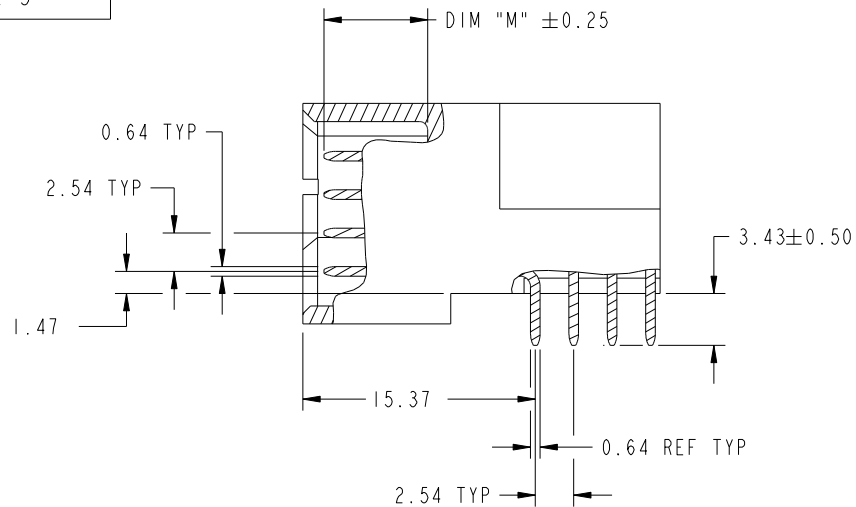
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN
G	[5.59]	SIGNAL
F	[5.59]	SIGNAL

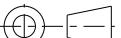


spec ref		*		dr	XQ Wang	2012-01-12	projection 	MM 	size	A4	scale	1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	XQ Wang			2012-01-12	ecn no -			
SEE NOTE					chr	PM ZHENG			2012-01-12	rel level Released			
		appr			JOSEPH HSIA	2012-01-12	product family		PwrBlade				
surface 	linear	0.X	±0.5		title 52S +12P RIGHT ANGLE SOLDER HEADER				dwg no	51939-646		rev A	
		0.XX	±0.25										
		0.XXX	±0.1										
	angular	0°	±2°	www.fci.com	cat. no. -		Product - Customer Drw			sheet 1 of 4			

Print File - REV C - 2009-06-09

PRODUCT NUMBER

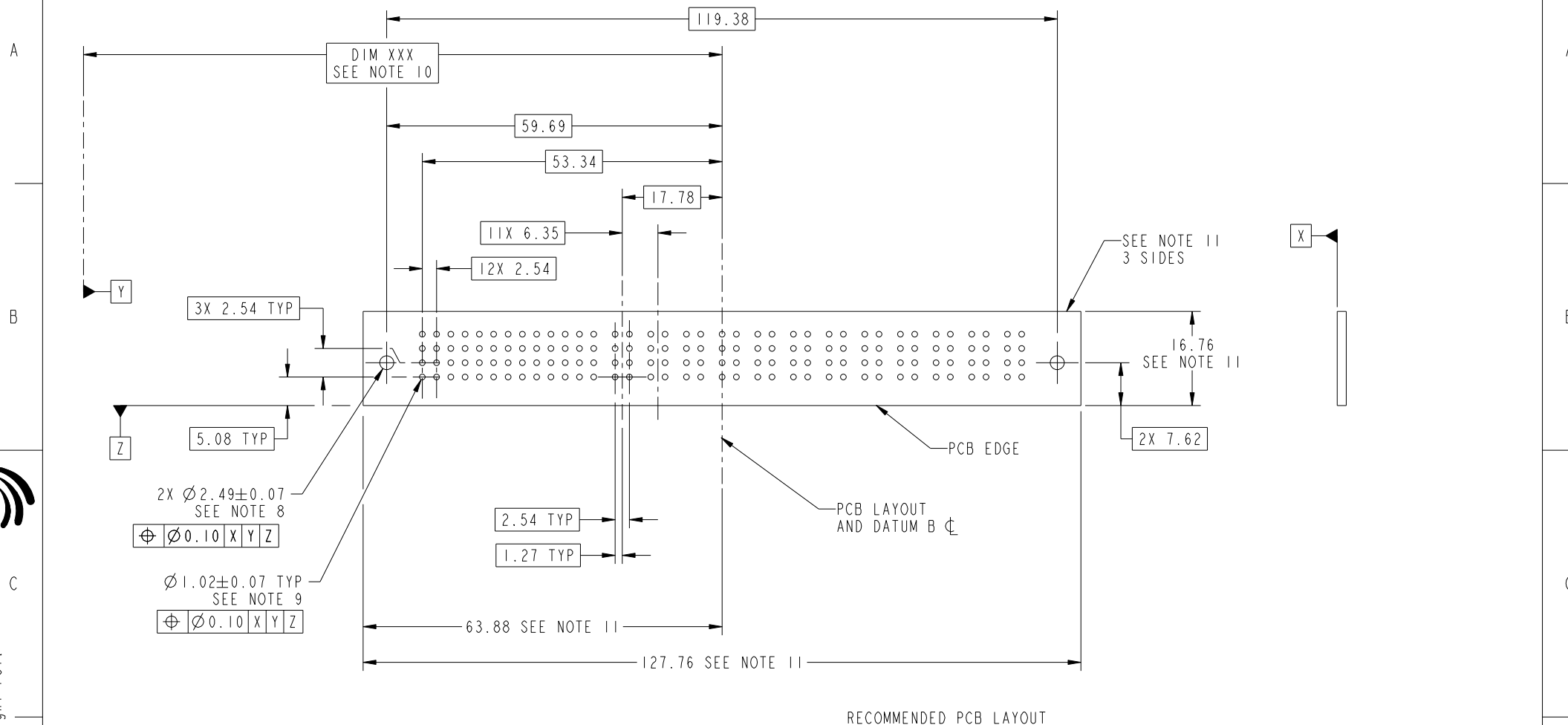
51939-646--
NOTE: 3

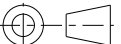




dr	XQ Wang	2012-01-12	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1	
eng	XQ Wang	2012-01-12			ecn no				-
chr	PM ZHENG	2012-01-12			rel level				Released
appr	JOSEPH HSIA	2012-01-12	product family		PwrBlade				
<div></div>		title			52S +12P			rev	
					RIGHT ANGLE SOLDER HEADER			A	
www.fci.com		cat. no.	-	Product - Customer Drw				sheet 2 of 4	

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NOTE: 3



dr	XQ Wang	2012-01-12	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1	
eng	XQ Wang	2012-01-12			ecn no				-
chr	PM ZHENG	2012-01-12			rel level				Released
appr	JOSEPH HSIA	2012-01-12	product family		PwrBlade				
<div></div>		title			52S +12P			rev	
		RIGHT ANGLE SOLDER HEADER			dwg no			A	
www.fci.com		cat. no.		Product - Customer Drw			sheet 3 of 4		

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PRODUCT NUMBER
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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 51939-646 AND 51939-646LF 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	XQ Wang	2012-01-12	<div>projection</div>	<div>MM</div>	size	A4	scale	1:1
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appr	JOSEPH HSIA	2012-01-12	product family		PwrBlade			
		title			dwg no		rev	
		52S +12P			51939-646		A	
		RIGHT ANGLE SOLDER HEADER						
www.fci.com		cat. no.		-	Product - Customer Drw		sheet 4 of 4	