





















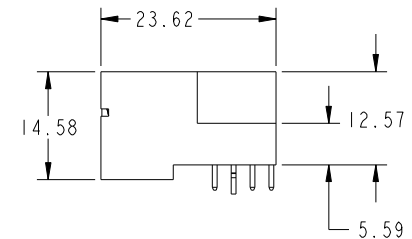
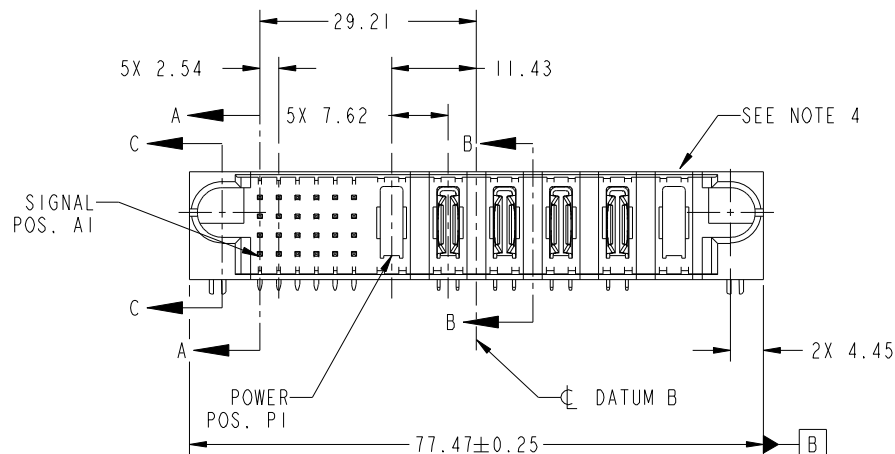
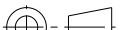





PRODUCT NO.	ROWS		SIGNAL						POWER							
		E1	1	2	3	4	5	6	P1	P2	P3	P4	P5	P6	E2	
51939-710-- NOTE 3	D C B A		H	H	H	H	H	H	X	PA	PA	PA	PA	PA	X	
			G	G	T	G	G	G								
			F	S	S	S	S	F								
			E	E	E	E	E	E								
																



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

spec ref		*		dr	Weller Luo	2012-10-07	projection 	MM 	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Weller Luo	2012-11-25			ecn no	DG06-XXXX		
				chr	-	-						
SEE NOTE					appr	PM Zheng	2012-11-25	product family		PwrBlade	rel level	Released
surface 	linear	0.X	±0.5		title 24S + 6ACP RIGHT ANGLE SOLDER HEADER				dwg no	51939-710		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	

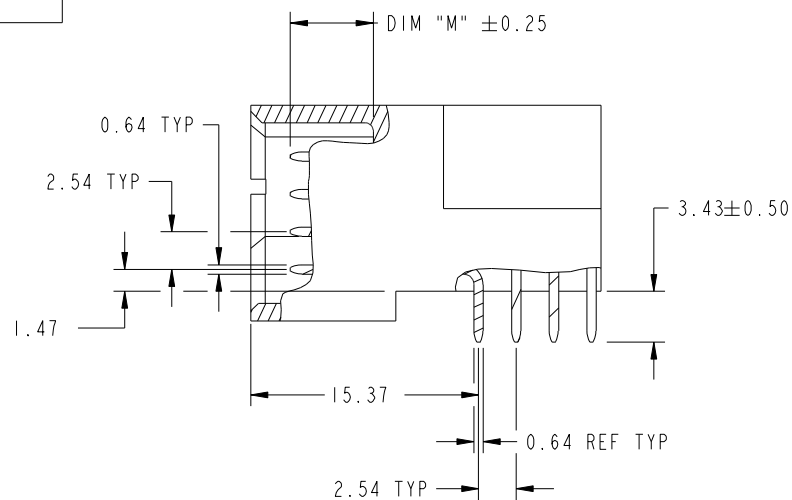
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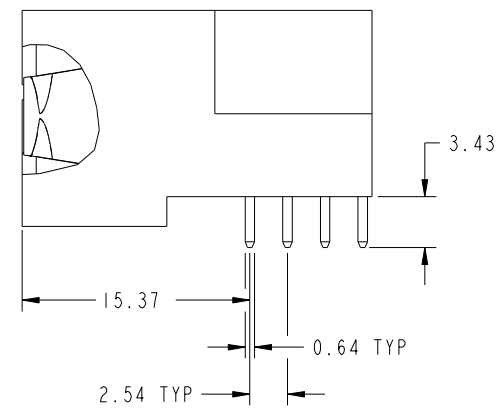
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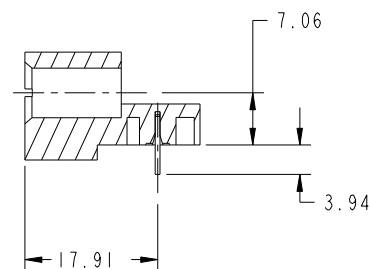
51939-710__
NOTE: 3



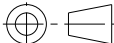

BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1



SECTION C-C

dr	Weller Luo	2012-10-07	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1							
eng	Weller Luo	2012-11-25			ecn no	DG06-XXXX									
chr	-	-			rel level			Released							
appr	PM Zheng	2012-11-25	product family		PwrBlade										
<div>FCI</div>		title			24S + 6ACP			dwg no		51939-710		rev		A	
RIGHT ANGLE SOLDER HEADER															
www.fci.com		cat. no.		-		Product - Customer Drw						sheet 2 of 4			

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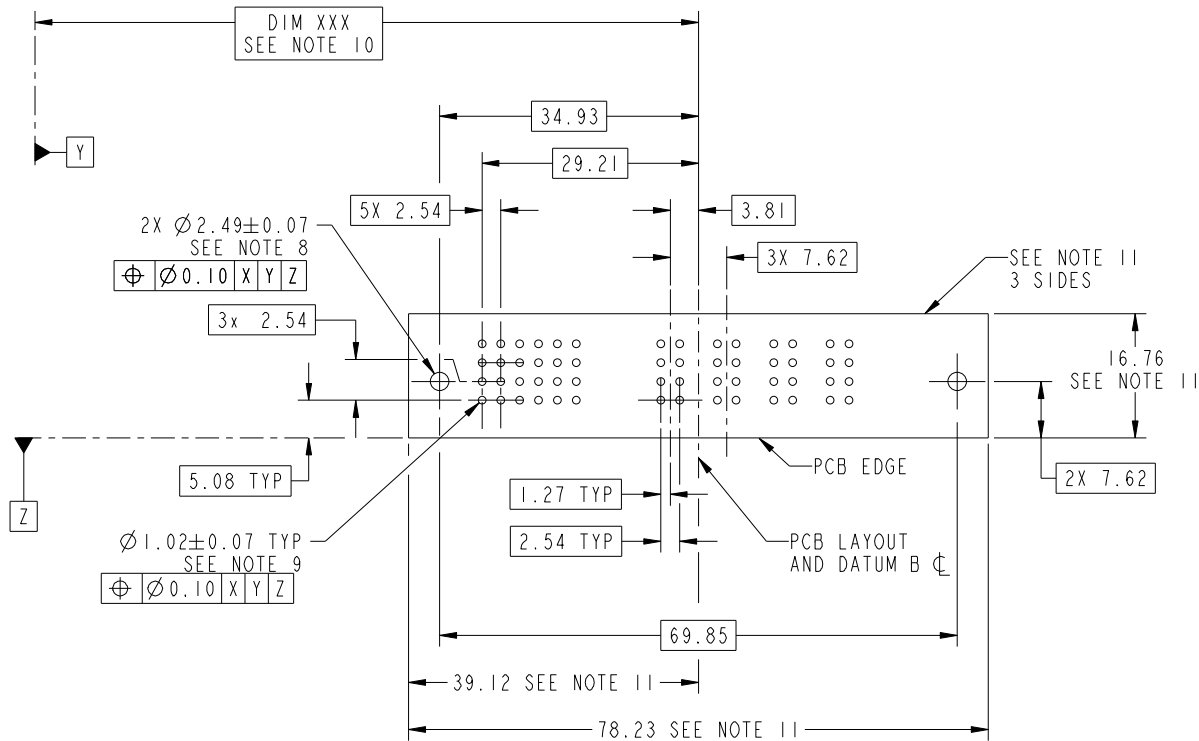


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51939-710--
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Weller Luo	2012-10-07	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1						
eng	Weller Luo	2012-11-25			ecn no	DG06-XXXX								
chr	-	-			rel level	Released								
appr	PM Zheng	2012-11-25	product family		PwrBlade									
<div></div>		title			24S + 6ACP			dwg no		51939-710		rev	A	
					RIGHT ANGLE SOLDER HEADER									
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NOTES:

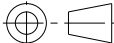


1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

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 51939-710 AND 51939-710LF 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	Weller Luo	2012-10-07	<div>projection</div> 	<div>MM</div> 	size	A4	scale	1:1				
eng	Weller Luo	2012-11-25			ecn no				DG06-XXXX			
chr	-	-			rel level				Released			
appr	PM Zheng	2012-11-25	product family		PwrBlade							
		title			24S + 6ACP		dwg no		51939-710		rev	A
www.fci.com		cat. no.		-		Product - Customer Drw				sheet 4 of 4		

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