

SPECIFICATION

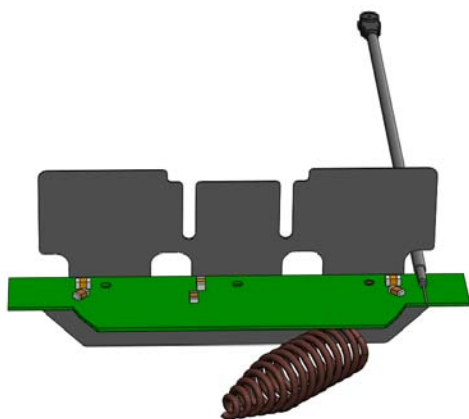
22281481b Antenna_TxHV

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1. General information

Icarus TxHV Antenna assembly



2. Revision history

Version	Name	Date	Status / description
22281481	J.K.	16-05-2011	Redesign van 31000970
22281481a	H.E.	24-06-2011	Adding extra information to assembly instructions
22281481b	H.E.	09-08-2011	Adding silkscreen form PCB for extra assembly information

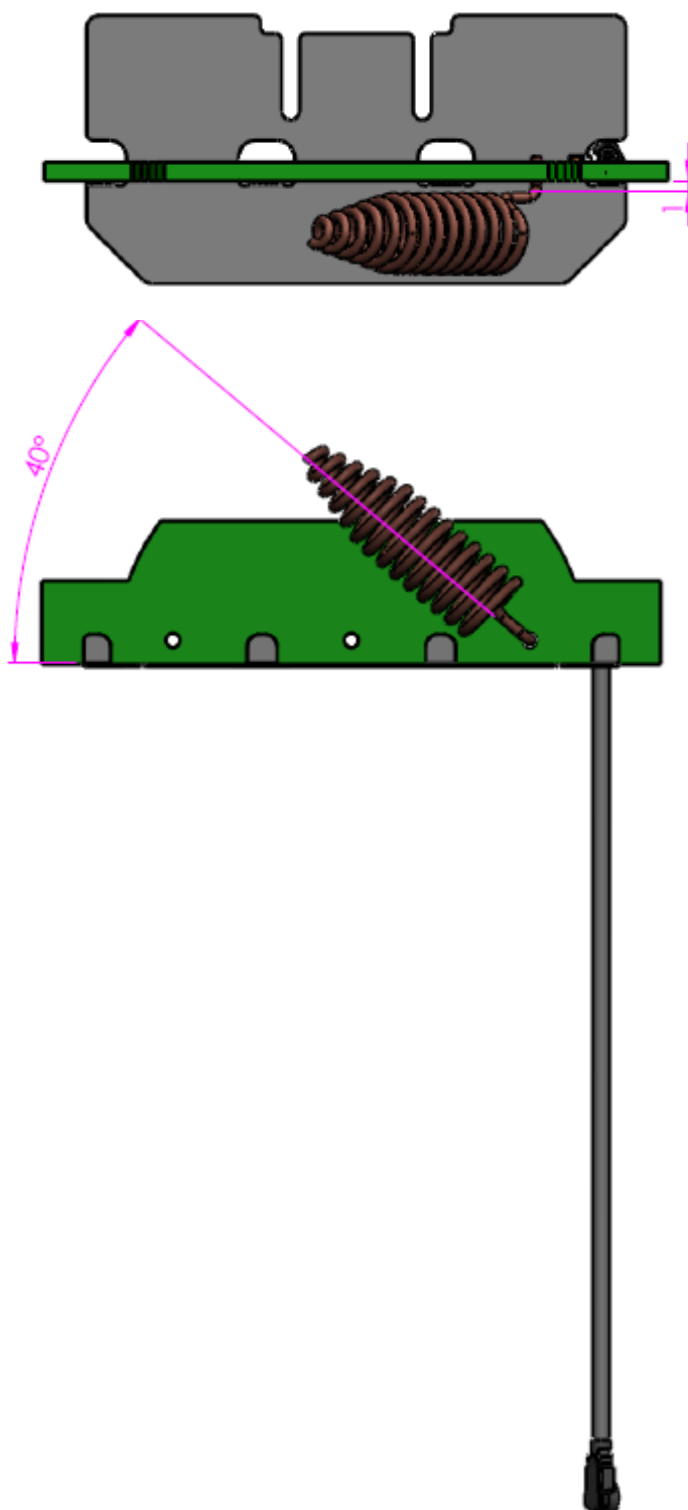
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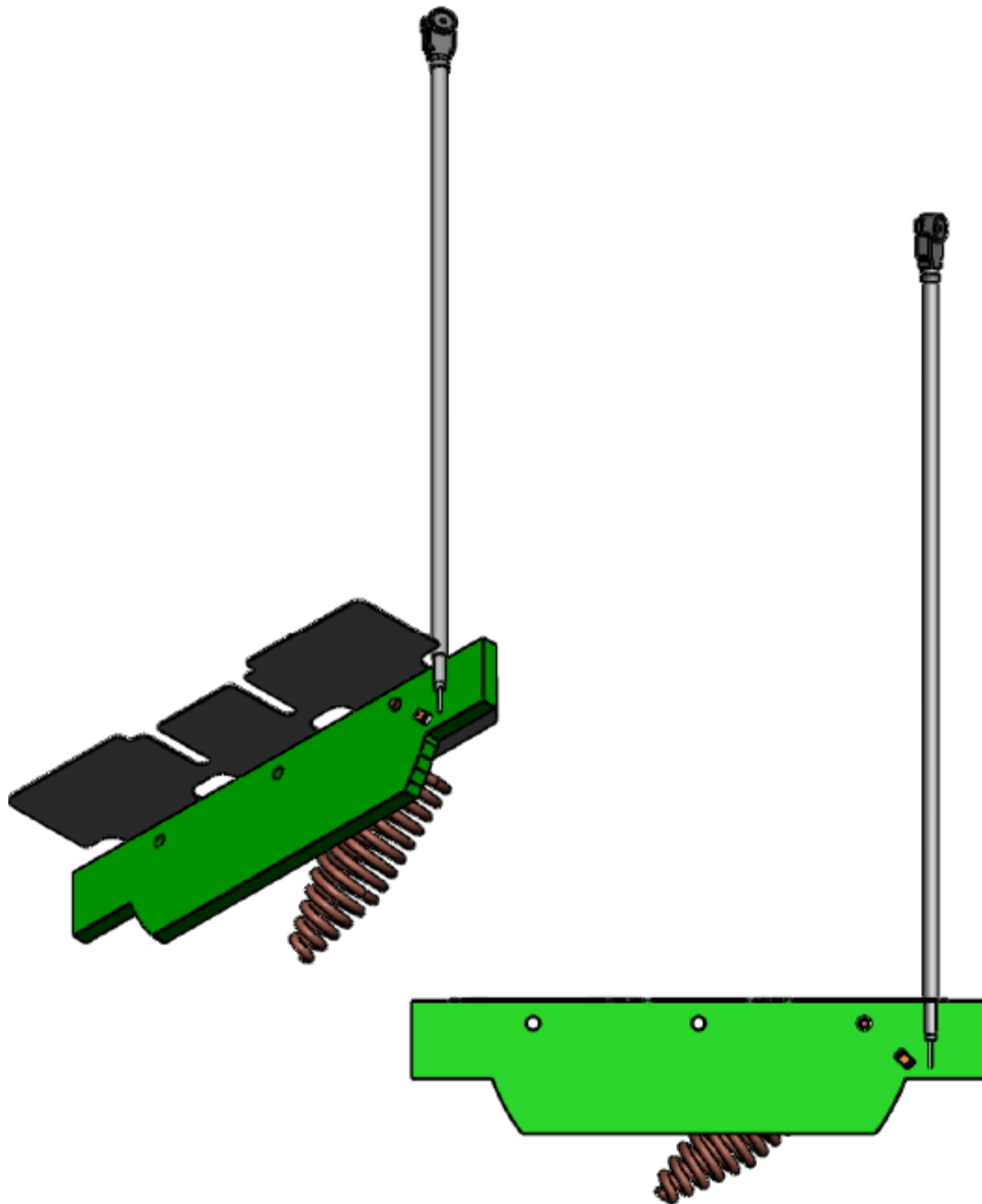
3. Assembly instructions



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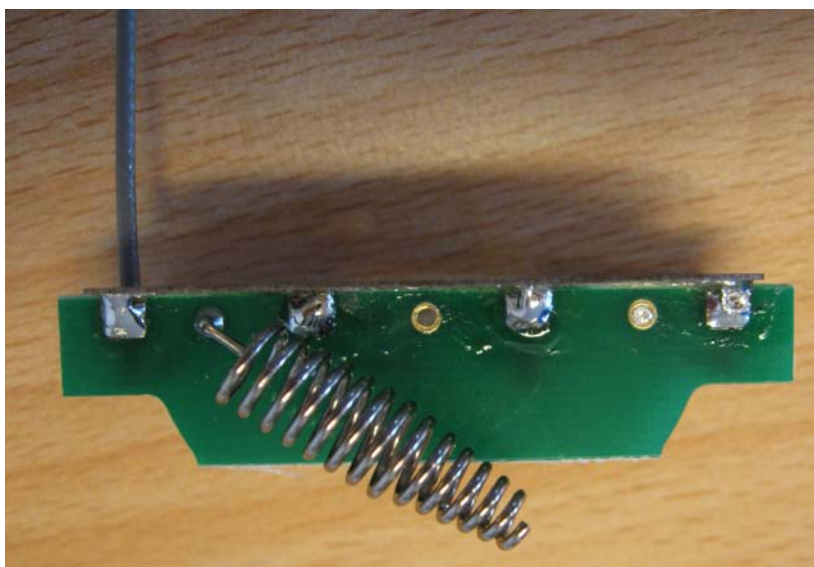
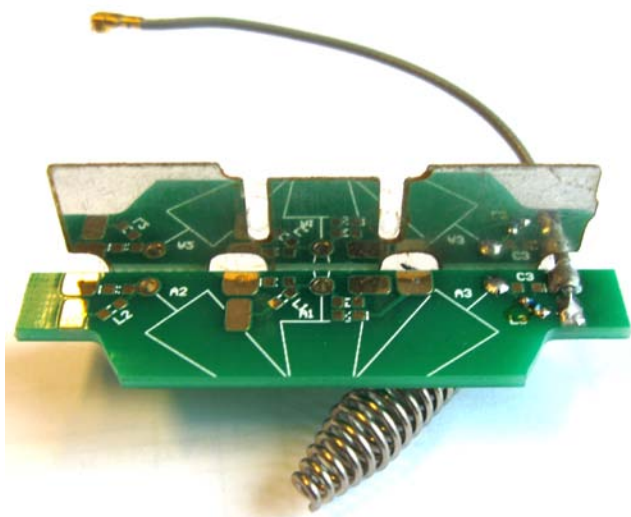
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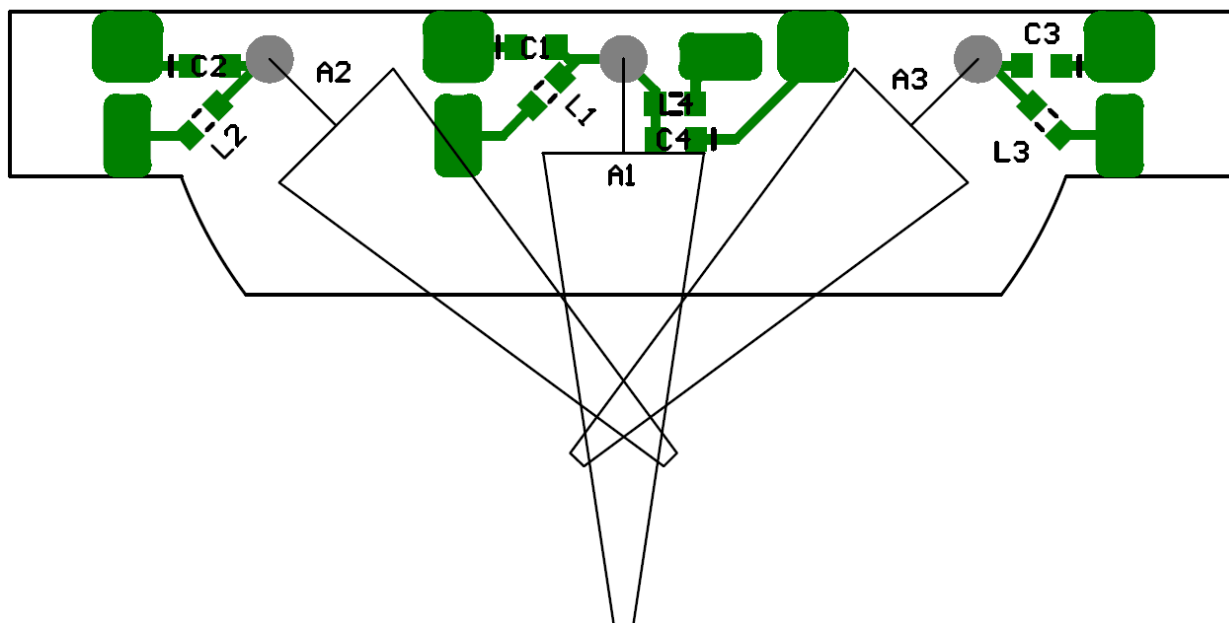


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4. Silkscreen PCB



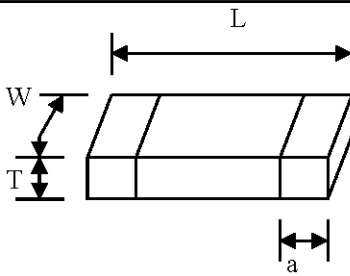
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5. Opmerkingen

In September 2011 delivery was the inductor placed from datasheet below (datasheet 1)

Lot No		Customer P/N			
Test Equipment/Fixture	HP4291B/16192A	BH P/N	JWCI1608H39NJB		
Test Frequency	100MHz	Test condition	78%RH/24℃		
Quantity	10PCS	Test Level	-20dBm		
JWCI 1608 H39NJ B Packaging Style:B: Bulk,T: Tape&Reel Tolerance:J: ± 5%,K ± 10%,M ± 20% Inductance Material Code Dimensions Product Symbol		Mechanical Dimension			
					
		L=1.6 ± 0. 15mm, W=0. 8 ± 0. 15mm T=0. 8 ± 0. 15mm, a=0. 3 ± 0. 2mm			
Electrical Characteristic					
Spec No	L (nH)	Qmin	SRFmin(MHz)	RDCmax(Ω)	Ir(mA)
	39 ± 5%	8	1300	0.80	300
1	38.98	8	1300	0.047	>300
2	38.99	8	1300	0.026	>300
3	38.87	8	1300	0.018	>300
4	38.91	8	1300	0.097	>300
5	39.14	8	1300	0.083	>300
6	38.76	8	1300	0.056	>300
7	38.95	8	1300	0.034	>300
8	38.93	8	1300	0.029	>300
9	38.89	8	1300	0.076	>300
10	39.06	8	1300	0.043	>300
Mean					
Range					
Remark:					
Test By/Date		Approved By/Date			

Datasheet 1

Next time, USE THE INDUCTOR from the BOM file

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