



Koruza high speed flex PCB

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REVISION HISTORY:

- v0.2 - 09.03.2017.
- v0.3 - 04.05.2017.
- v0.4 - 24.10.2017.
- v0.4.1 - 24.11.2017.

DESIGN CONSIDERATIONS

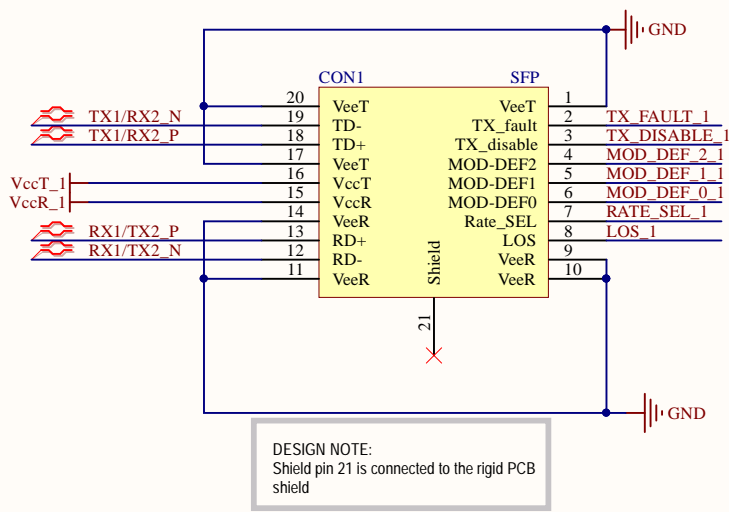
DESIGN NOTE:
Example text for informational
design notes.

DESIGN NOTE:
Example text for critical
design notes.

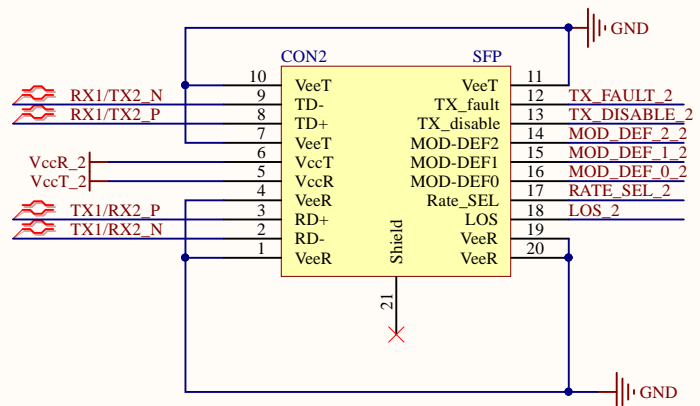
LAYOUT NOTE:
Example text for critical
layout guidelines.

Koruza		www.koruza.net	
Title: koruza-hs-flex-PCB.PrjPcb			
Page Contents: PAGE1-CONTENTS.SchDoc			
Size:	DWG NO		Revision: v0.4.1
Date: *			Sheet 1 of 3

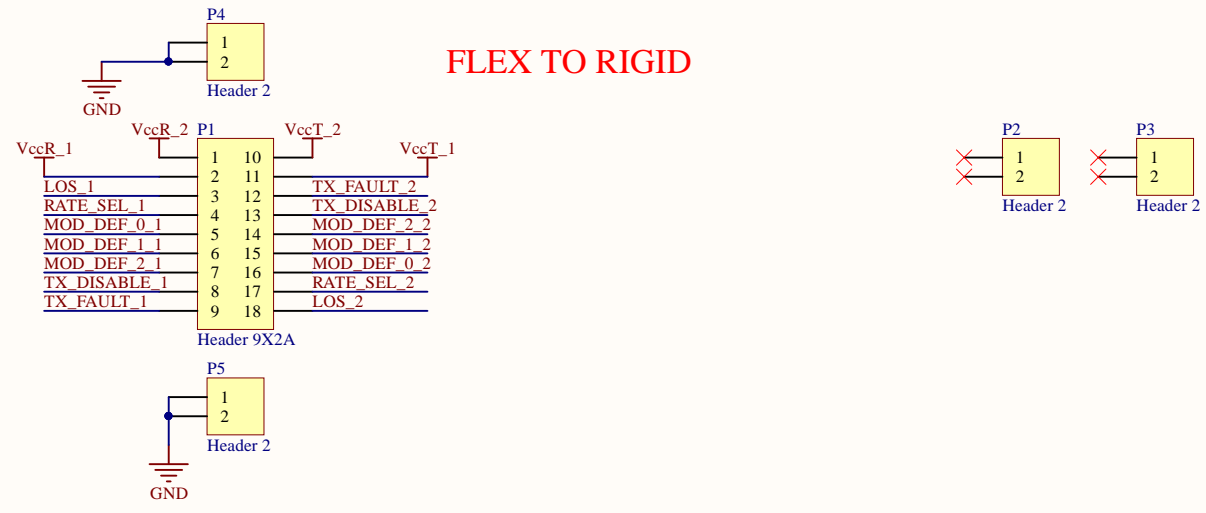
WITH CAGE
SFP IN - 1

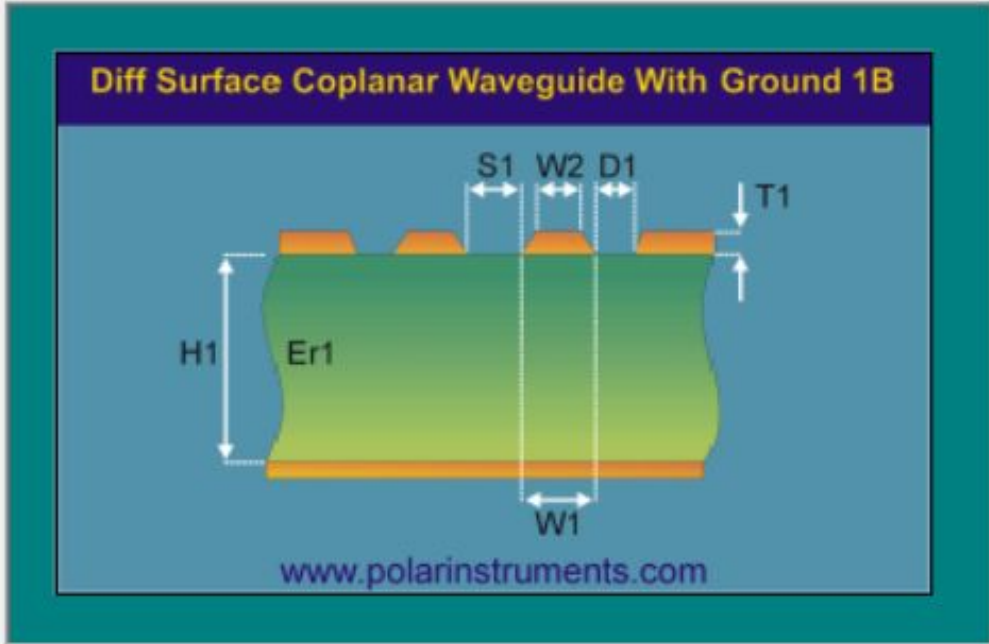


REVERCE SFP
SFP OUT - 2



FLEX TO RIGID

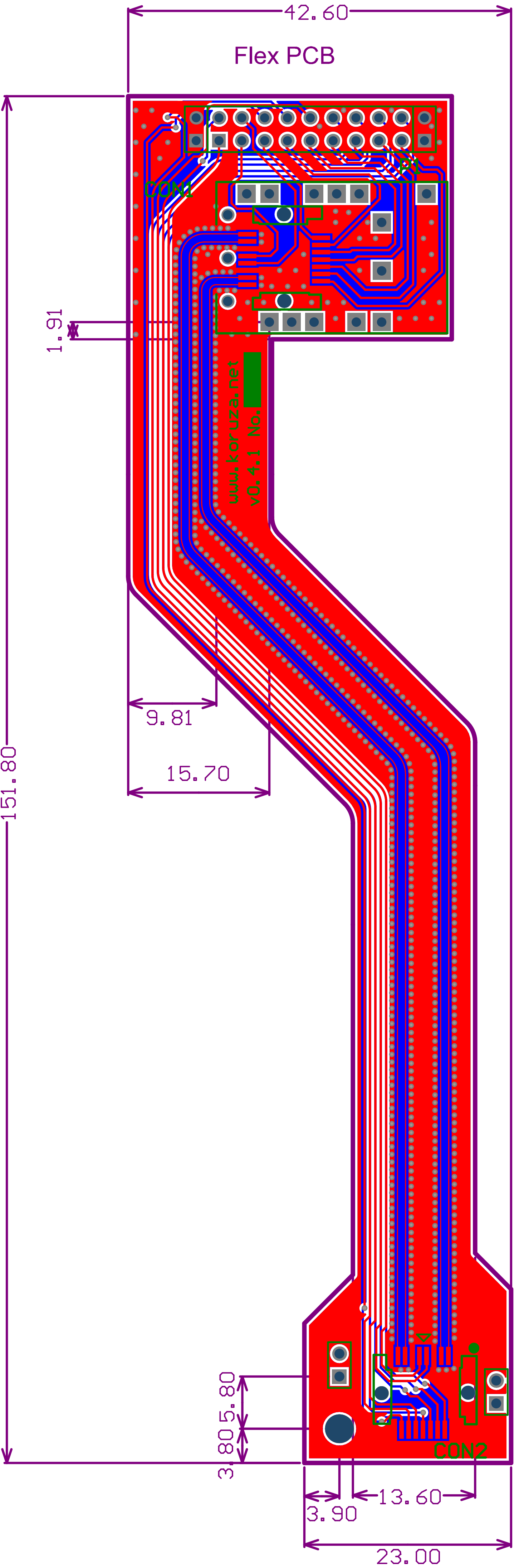




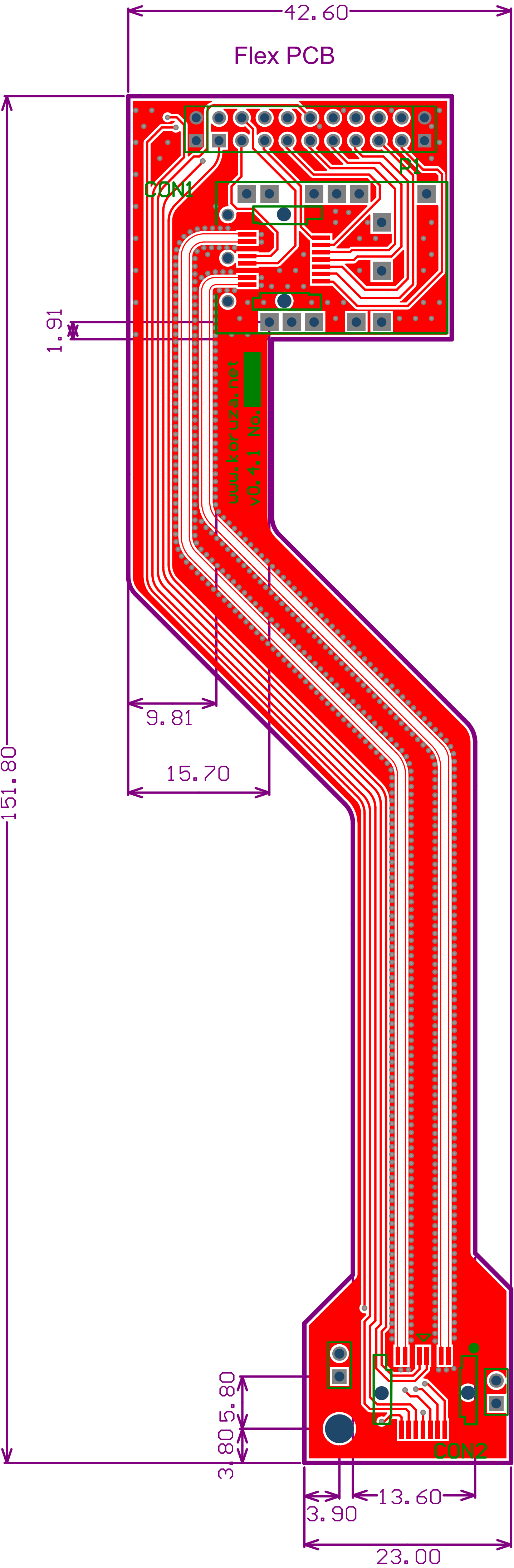
			Tolerance	Minimum	Maximum	
Substrate 1 Height	H1	<input type="text" value="2.5591"/>	<input type="text" value="± 0.0000"/>	<input type="text" value="2.5591"/>	<input type="text" value="2.5591"/>	<input type="button" value="Calculate"/>
Substrate 1 Dielectric	Er1	<input type="text" value="3.2000"/>	<input type="text" value="± 0.0000"/>	<input type="text" value="3.2000"/>	<input type="text" value="3.2000"/>	<input type="button" value="Calculate"/>
Lower Trace Width	W1	<input type="text" value="5.3701"/>	<input type="text" value="± 0.0000"/>	<input type="text" value="5.3701"/>	<input type="text" value="5.3701"/>	
Upper Trace Width	W2	<input type="text" value="4.3701"/>	<input type="text" value="± 0.0000"/>	<input type="text" value="4.3701"/>	<input type="text" value="4.3701"/>	<input type="button" value="Calculate"/>
Trace Separation	S1	<input type="text" value="30.5905"/>	<input type="text" value="± 0.0000"/>	<input type="text" value="30.5905"/>	<input type="text" value="30.5905"/>	<input type="button" value="Calculate"/>
Ground Strip Separation	D1	<input type="text" value="10.0394"/>	<input type="text" value="± 0.0000"/>	<input type="text" value="10.0394"/>	<input type="text" value="10.0394"/>	<input type="button" value="Calculate"/>
Trace Thickness	T1	<input type="text" value="1.3780"/>	<input type="text" value="± 0.0000"/>	<input type="text" value="1.3780"/>	<input type="text" value="1.3780"/>	<input type="button" value="Calculate"/>
Differential Impedance	Zdiff	<input type="text" value="100.00"/>		<input type="text" value="0.00"/>	<input type="text" value="0.00"/>	<input type="button" value="Calculate"/>
						<input type="button" value="More..."/>

All dimensions are in:
mils

Layer	Name	Material	Thickness	Constant	Board Layer Stack
1	Top Overlay				
2	Top Layer	Copper	0.035mm		
3	Glue + PI + Glue	FR-4	0.065mm	3.2	
4	Bottom Layer	Copper	0.035mm		
5	Bottom Overlay				



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