



*Features & Applications:*

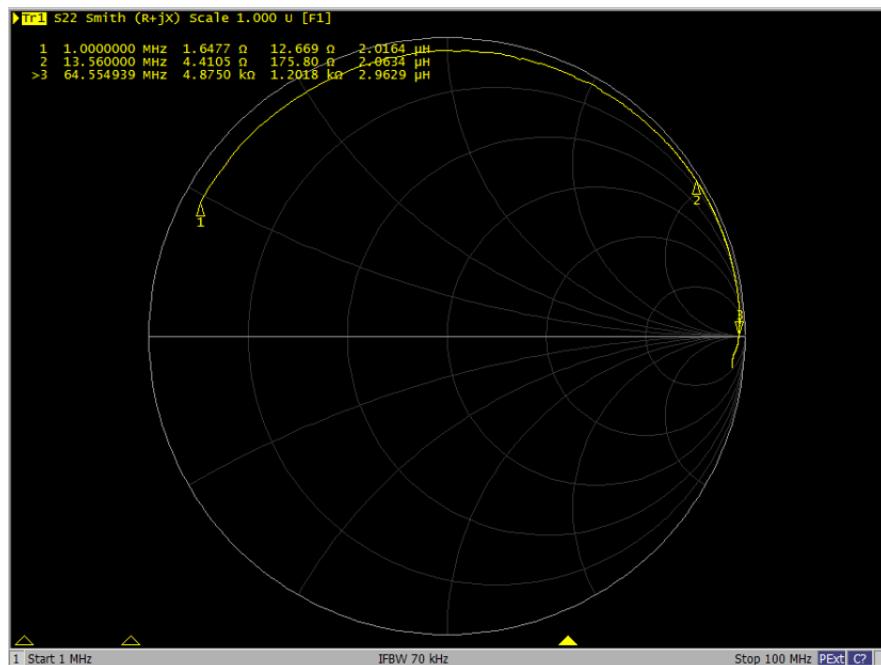
NFC antenna

**ELECTRICAL SPECIFICATIONS @ 25°C**

General Specifications					
Antenna type	Nominal Impedance	Polarization	Radiation pattern	Power withstanding	DC Ground
Loop	20-30Ω	N/A	N/A	N/A	N/A

**Electrical**

Electrical Connectivity	Copper Flex
Frequency	13.56MHz
Inductance	2.0-2.1uH
Resistance	5Ω max
Self-resonant frequency	63-66MHz
R <sub>p</sub>	5KΩ max



### MECHANICAL SPECIFICATIONS

**W3965**

Dimension (Length x Width x Height)	Material	Weight	Cable type	Cable length	Cable color	Connector
32x19x0.32mm	FPC + Ferrite	0.6g	AWG30	65mm	Black	DF57H 2-pin

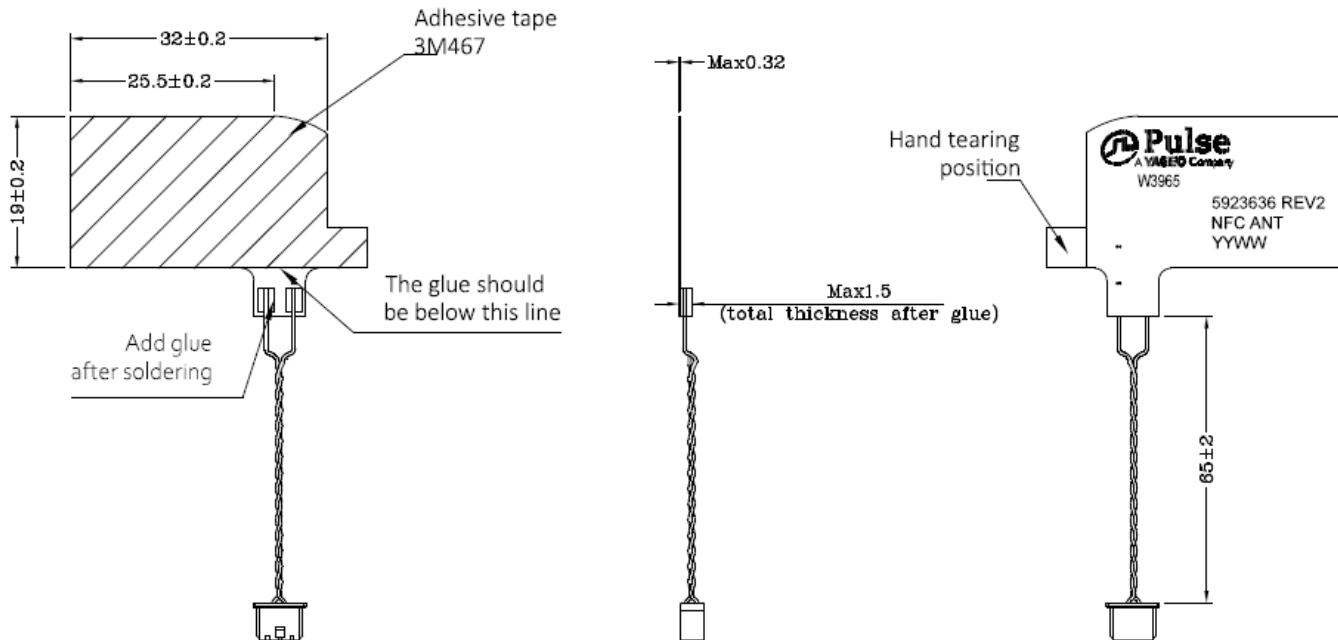
### ENVIRONMENTAL SPECIFICATIONS

**W3965**

Operating Temperature	Storage Temperature	RoHS Compliant
-40°C to 85°C	-40°C to 85°C	Yes

### Mechanical Drawing

**W3965**



Dimensions: mm

## Packaging

### W3965

10PCS/PE bag

120 PE bag/ carton box

### Notes:

1. Please contact sales for availability, lead time, and/or any special requests. Samples available upon request.

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### For More Information:

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