

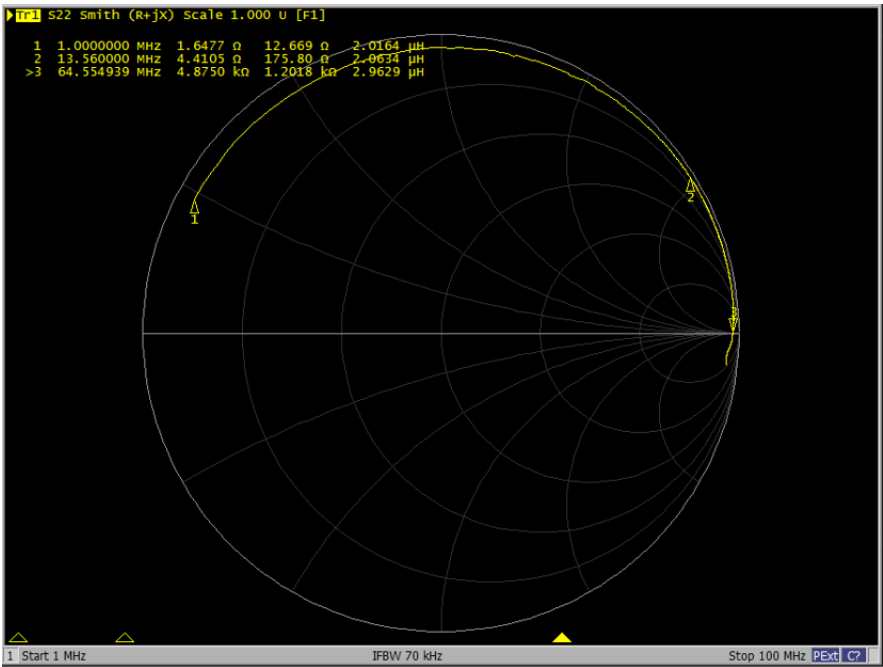


Features & Applications:
NFC antenna

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

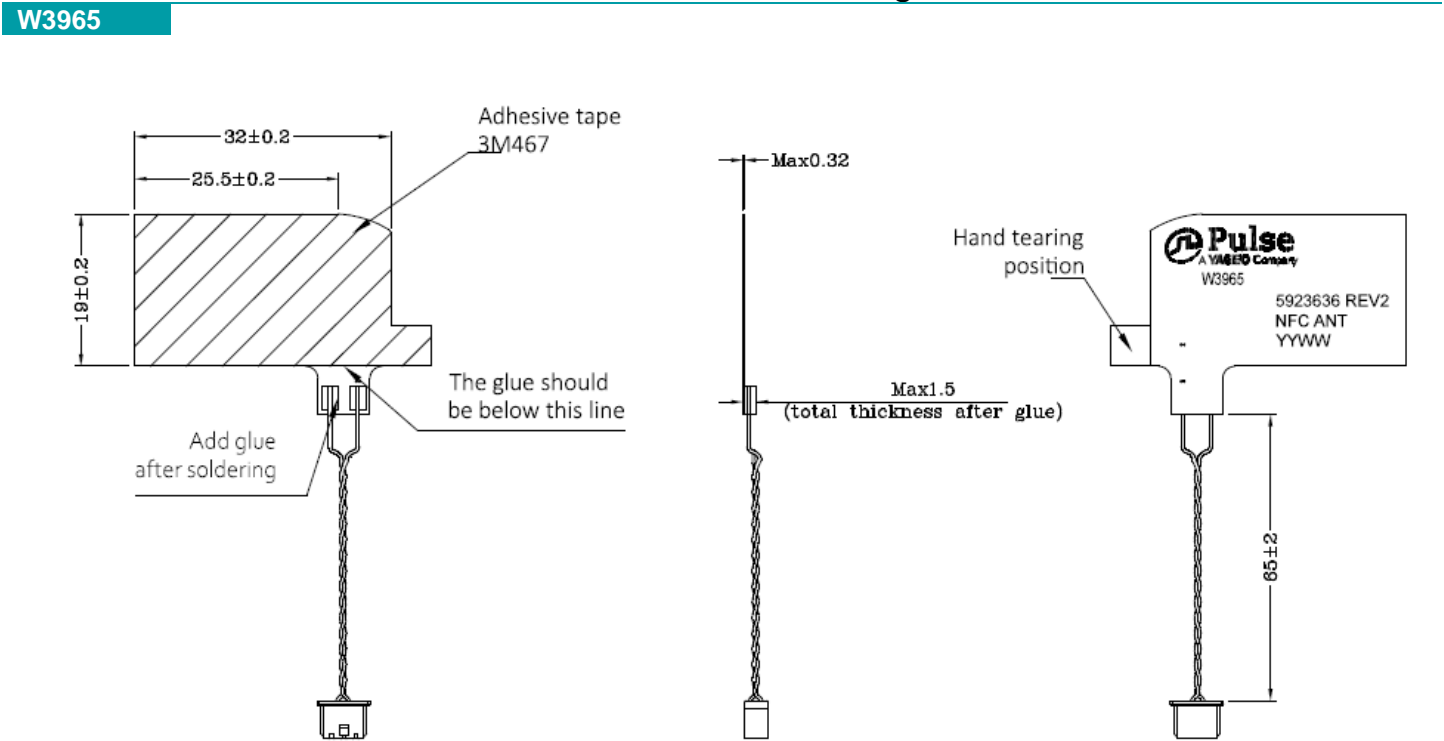
Electrical Connectivity	Copper Flex
Frequency	13.56MHz
Inductance	2.0-2.1uH
Resistance	5Ω max
Self-resonant frequency	63-66MHz
Rp	5KΩ max



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



Dimensions: mm

W3965

NFC Antenna

Unless otherwise specified, all tolerances are $\pm 0.25\text{mm}$

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.

For More Information:

Americas - antennas.us@pulseelectronics.com | Europe - antennas.eu@pulseelectronics.com | Asia - antennas.as@pulseelectronics.com | Questions? +1-800-ANTENNA
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