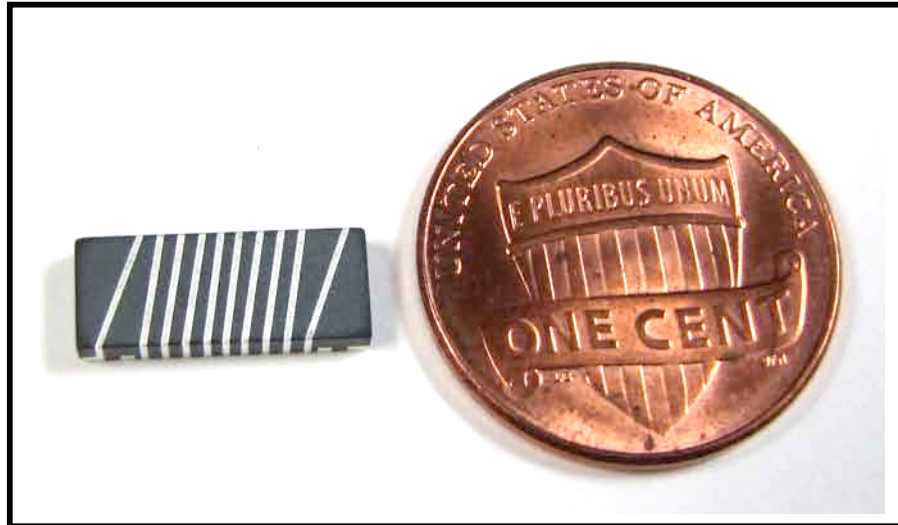




**Picture of the Part**



**Application**

WPANTSMFER120502A is a Ferrite Chip Antenna for FM Radio applications in mobile phone, audio player and FM transmitter.

WP Wireless can assist your engineers to optimize mounting positions for these antennas in your specific application and can further assist to trouble shoot system integration issues such as TRP/TIS and FCC requirements. WP Wireless specializes in developing customized Antenna solutions. Please contact [sales@wp-wireless.com](mailto:sales@wp-wireless.com) with your specific application requirements.

**Electrical Properties**

Parameter	Antenna Performance
Operating Frequency	87.5 - 108 MHz
Recommended Impedance of the customer Radio Module[Ω]	50Ω
VSWR – Typical	<6:1
Average Gain [dBi] (Typical)	-18.18 dBi
Polarization	Linear
Pattern	Omni-directional
Accepted Power [W] (Max)	2 Watts



**Mechanical / Environmental Properties**

Item	Value
Patch Dimensions	12.5mm X 5mm X 2mm (L X W X H)
Antenna Color	Dark Grey with Silver trace
Operating / Storage Temperature	-40°C to +90°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS compliant

**Picture of the Antenna**

