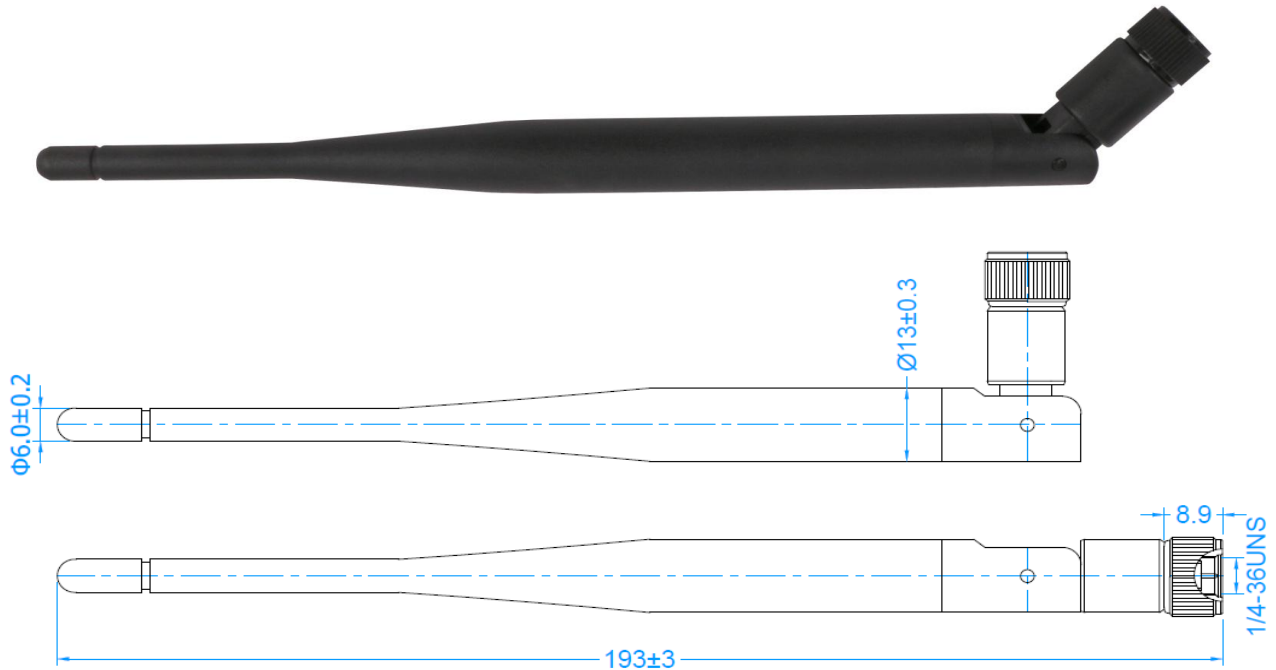


915MHz Antenna

I Product Model: KM-011057-915-XXX-EMC



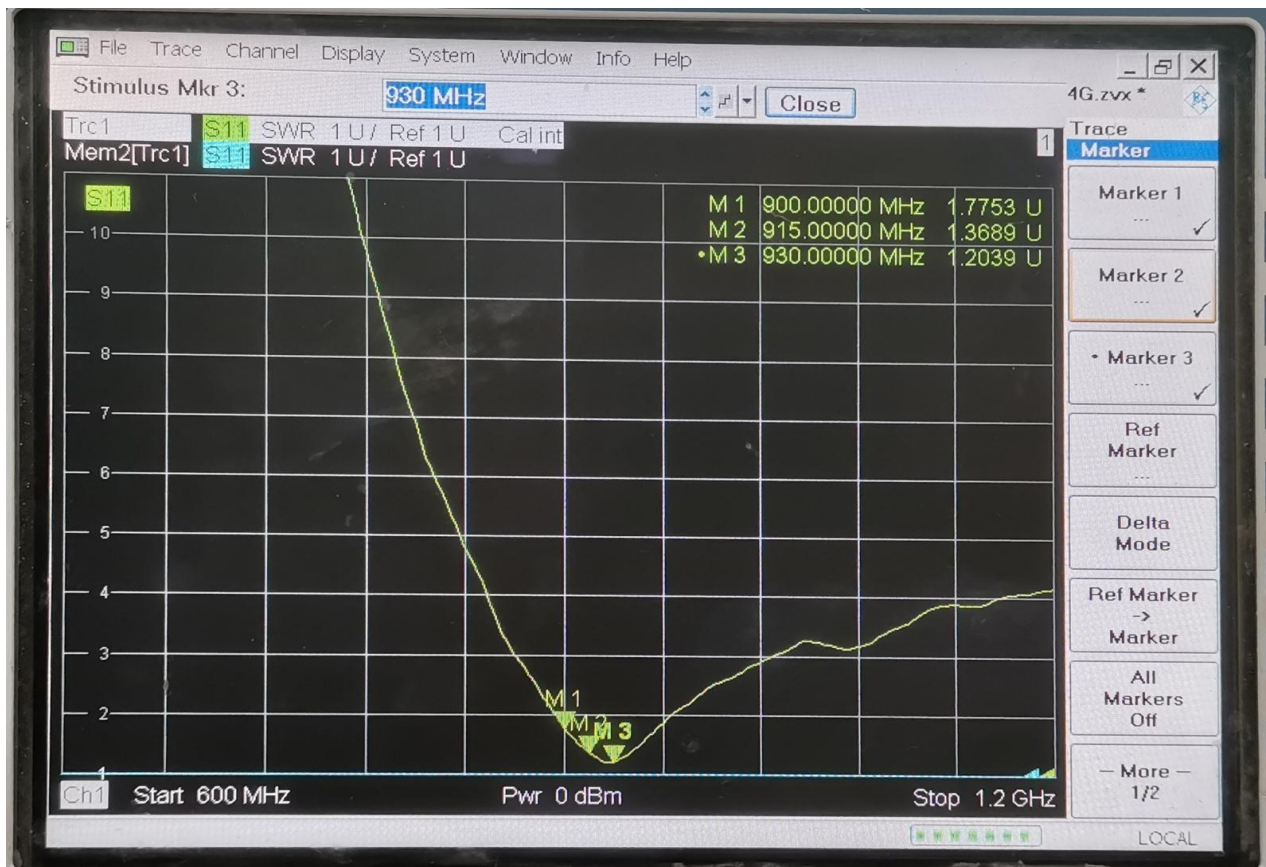
II Construction Specification

Antenna Base	PC + ABS
Antenna Body	TPE
Rivet	POM
Connector	SMA Male Plug
Filter	915MHz Filter
Cable	RG-178 Brown
Antenna Dimensions	193 * Φ13 mm
Color	Black (PN: KM-041057-915-BLK-EMC)
	White (PN: KM-041057-915-WHT-EMC)

III Electrical Performance

Frequency Range	915 MHz
V.S.W.R	≤2.0
Gain	3 dBi
Impedance	50 Ω
Polarization	Vetrical
Raidiation	Omni-directional
Max. Power	40 W
Lightning Protection	DC Ground

IV Test Result



"High Frequency Ceramic Solutions"

915 MHz Low Pass Filter

P/N 0915LP15B026

Detail Specification: 10/07/2015

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General Specifications

Part Number	0915LP15B026
Frequency (MHz)	902 - 928
Insertion Loss	0.5 dB max.
Return Loss	14.0 dB min.
Attenuation (min.)	30 @ 2 x fo
Attenuation (min.)	30 @ 3 x fo

Input Power	3 Watts max.
Impedance	50 Ω
Operating Temperature	-40 to +85°C
Reel Quantity	4000

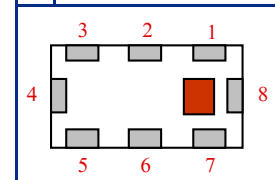
P/N	Packaging Style	Bulk (loose)	Suffix = S	Eg. 0915LP15B026S
		T & R	Suffix = E	Eg. 0915LP15B026E (Embossed Tape)
Suffix	Termination Style	100% Tin	Suffix = None	Eg. 0915LP15B026(E or S)
	Evaluation Board	0915LP15B026-EB-SMA (2-Port SMA EVB)		

Terminal Configuration

No.	Function
1	GND
2	NC
3	GND
4	I/O
5	GND
6	NC
7	GND
8	I/O

Mechanical Dimensions

	In	mm
L	0.079 ± 0.004	2.00 ± 0.10
W	0.049 ± 0.004	1.25 ± 0.10
T	0.033 ± 0.004	0.85 ± 0.10
a	0.012 ± 0.004	0.30 ± 0.10
b	0.008 ± 0.004	0.20 ± 0.10
c	0.012 +.004/-0.008	0.30 +0.1/-0.2
g	0.014 ± 0.004	0.35 ± 0.10
g	0.026 ± 0.002	0.65 ± 0.05

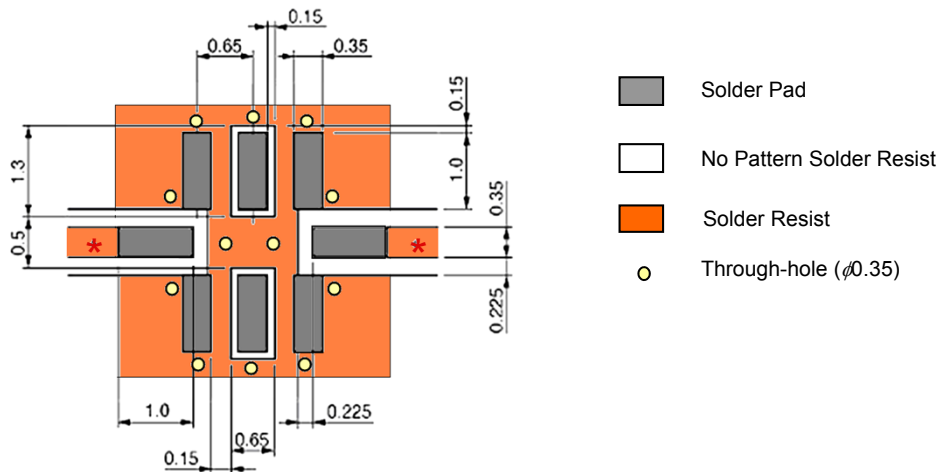


Mounting Considerations

Mount these devices with brown mark facing up.

* Line width should be designed to provide 50Ω impedance matching characteristics.

Units: mm



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"High Frequency Ceramic Solutions"

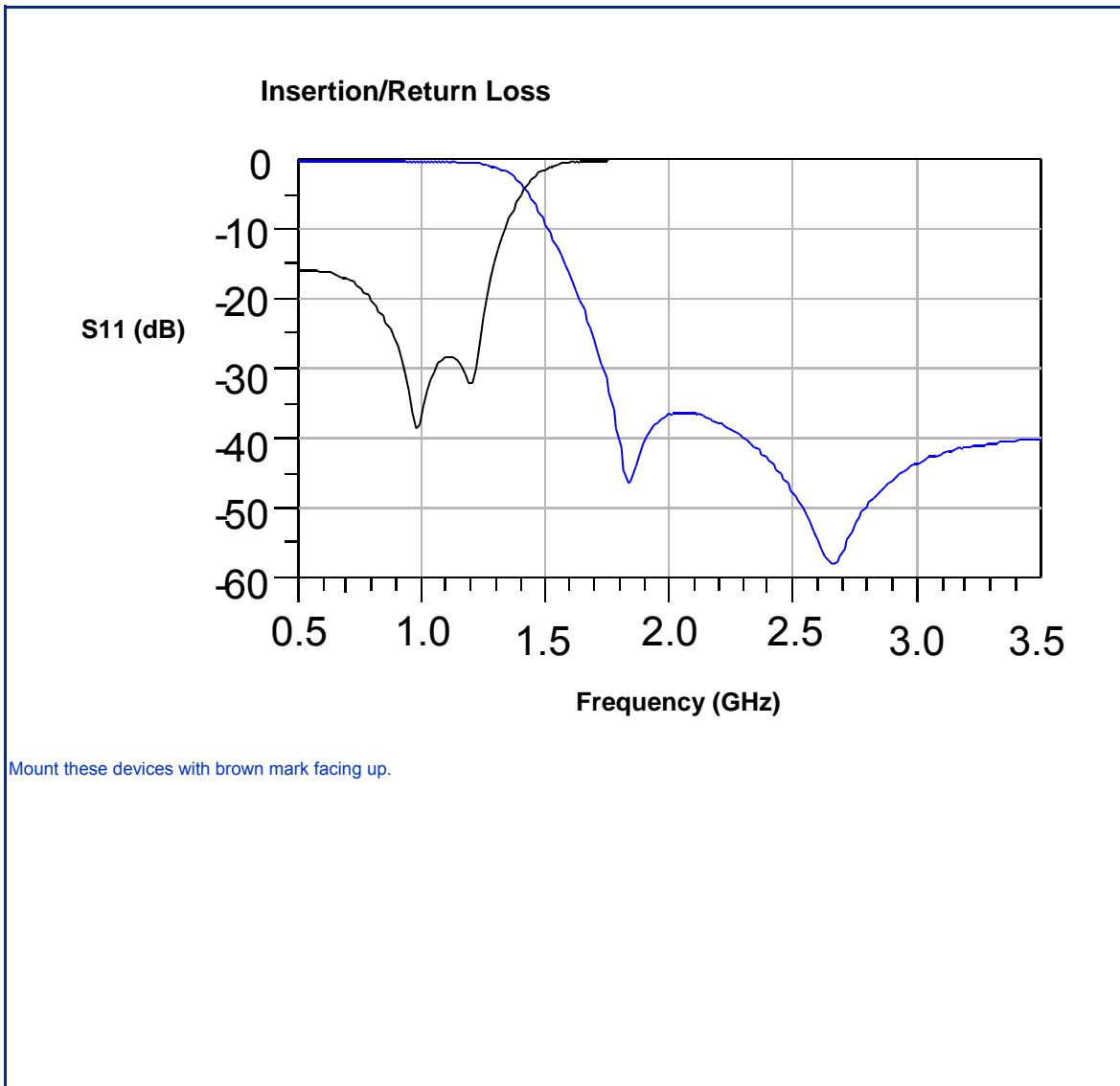
915 MHz Low Pass Filter

P/N 0915LP15B026

Detail Specification: 10/07/2015

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Typical Electrical Performance (T=25°C)



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