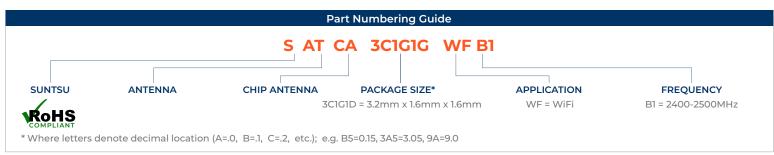
Features

- WiFi/ZigBee/Bluetooth
- · Chip Type
- Stable And Reliable Performance
- 2400-2500MHz
- SMT Process Compatible

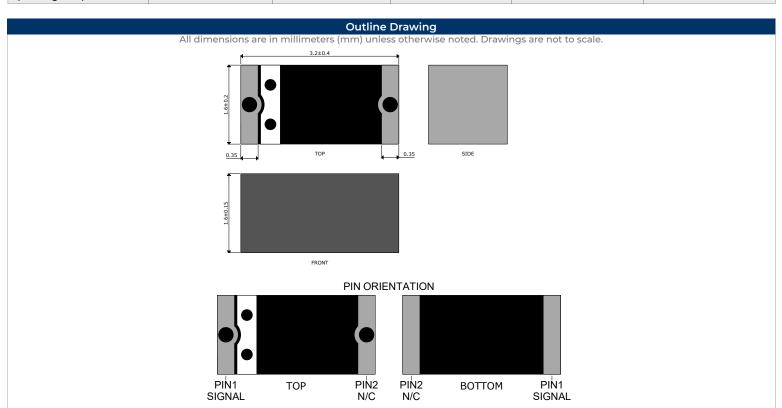
Applications

- ISM 2.4 GHz Applications
- ZigBee/BLE Applications
- Bluetooth Earphone Systems
- Smart Hand Held Devices
- Machine To Machine Communication

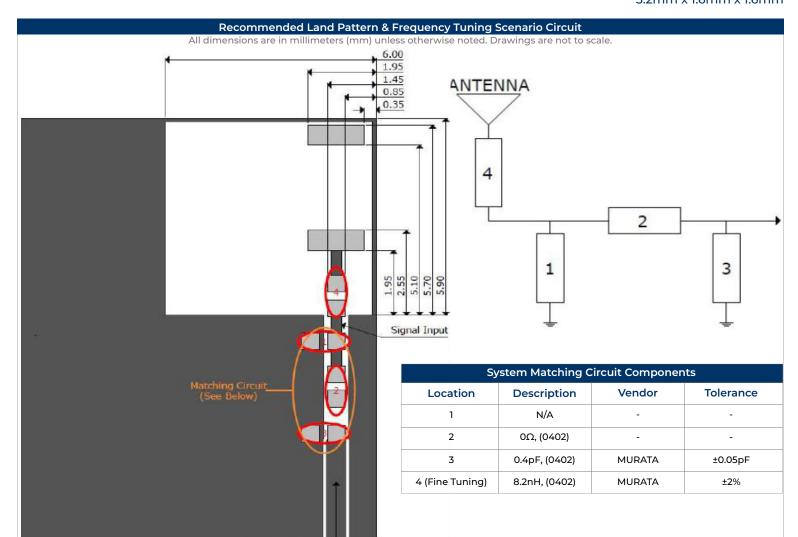




Electrical Parameters	Units	Minimum	Typical	Maximum	Remarks
Frequency Band	MHz	2400		2500	
Impedance	Ω		50		
Polarization			Linear		
Peak Gain	dBi		1.9		At 2442MHz
Efficiency	%		61		At 2442MHz
VSWR				2	At Center Frequency
Operating Temperature	С	-40		85	







Transmission Line With 50Ω Impedance Characteristics

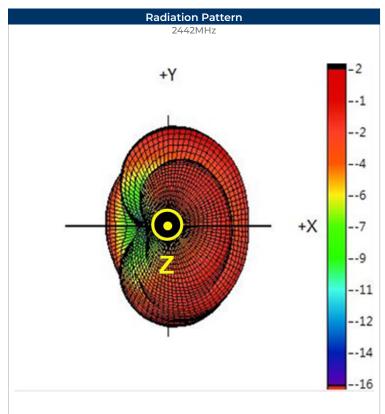
For these suggested values for the matching and tuning of components, the average frequency will be 2442MHz on a standard 40 x 40mm² Evaluation board.

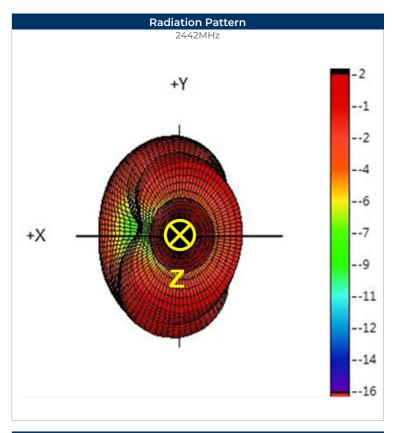
Please note, these are average reference values which may need to be changed when different circuit boards or manufactures are used.

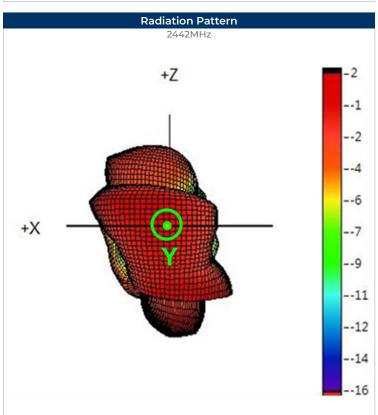
142 TECHNOLOGY DR., SUITE 150 IRVINE, CA 92618

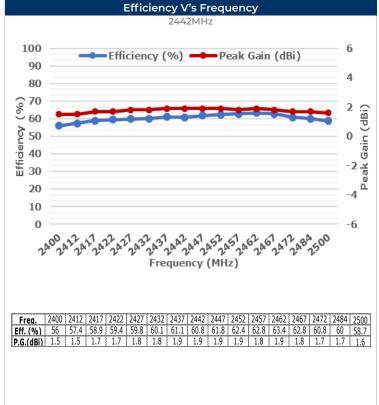
www.suntsu.com







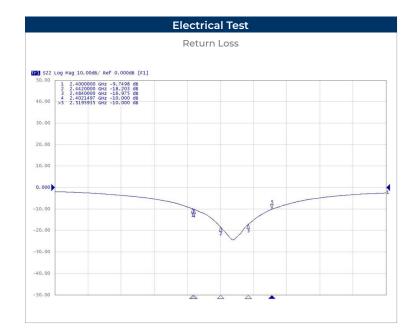


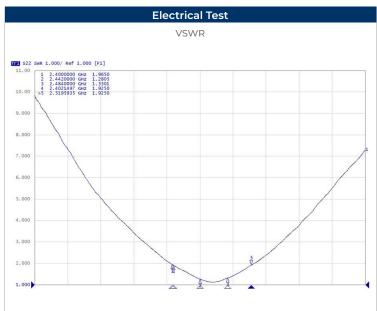


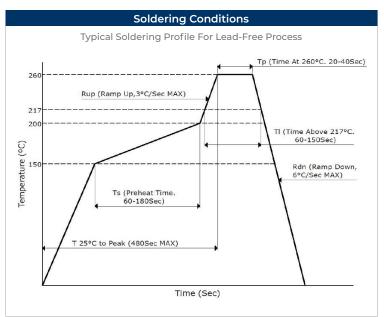
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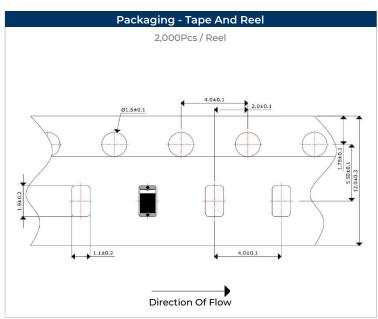
Specifications are subject to change without notice.











Environmental & Mechanical Specifications				
High Temperature Test	85°C for 500 hours, and then to normal temperature/humidity for 24hours.			
Low Temperature Test	-30°C for 500 hours, and then to normal temperature/humidity for 24hours.			
Humidity Test	85°C / 90-95%RH for 96 hours, and then to normal temperature/humidity for 24hours.			
Thermal Shock Test	-30°C for 30 min and +85°C for 30 min. 5 cycles, then expose to normal temperature/humidity for 24 hours or more.			
Vibration Test	5 to 200 to 5Hz, swept in 10min, 4.5G at max(2mm amplitude), in X and Y directions for 2 hours each and in Z direction for 4 hours.			