



Specification

250ST240	Transmitter
250SR240	Receiver
Center Frequency	25.0±1.0KHz
Bandwidth (-6dB)	250ST 1.5KHz
	250SR 1.8KHz
Transmitting Sound Pressure Level at 25.0KHz; 0dB re 0.0002μbar per 10Vrms at 30cm	115dB min.
Receiving Sensitivity at 25.0KHz 0dB = 1 volt/μbar	-60dB min.
Capacitance at 1KHz ±20%	250ST 3000 pF
	250SR 2400 pF
Max. Driving Voltage (cont.)	20Vrms
Total Beam Angle (-6dB)	55° typical
Operation Temperature	-30 to 70°C
Storage Temperature	-40 to 80°C

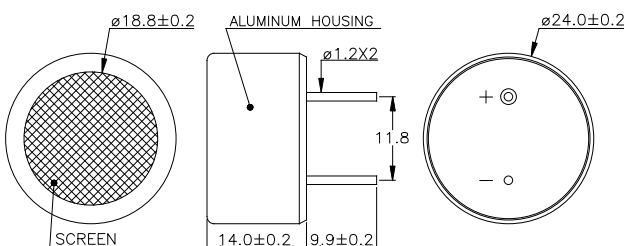
All specification taken typical at 25°C

Closer frequency tolerance can be supplied upon request.

Model available:

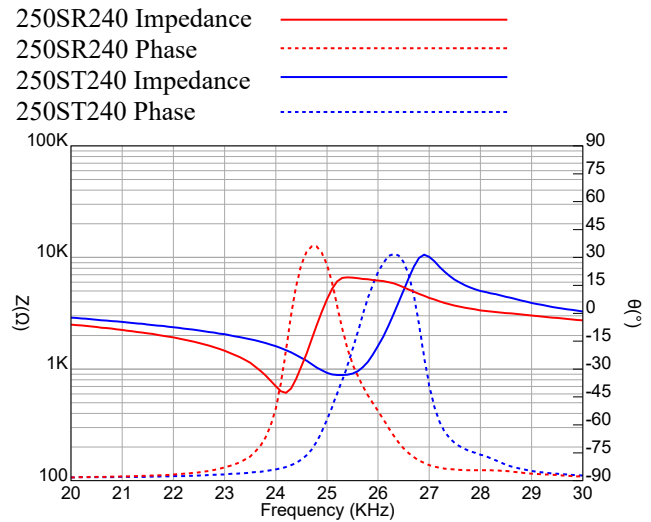
1	250ST/R240	Aluminum Housing
---	------------	------------------

Dimensions: dimensions are in mm



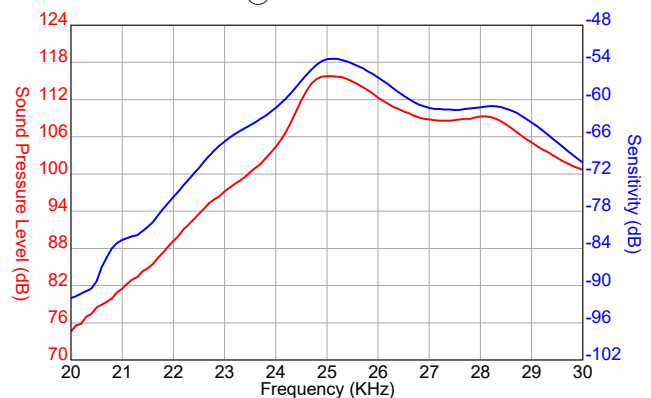
Impedance/Phase Angle vs. Frequency

Tested under 1Vrms Oscillation Level



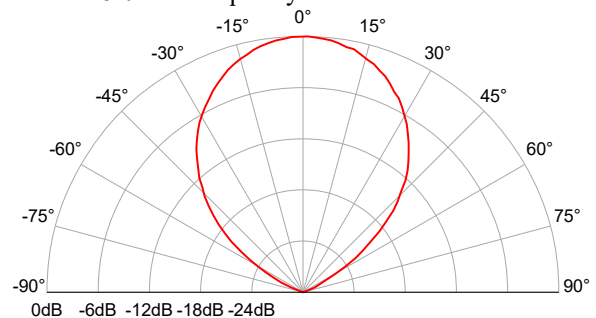
Sensitivity/Sound Pressure Level

Tested under 10Vrms @30cm



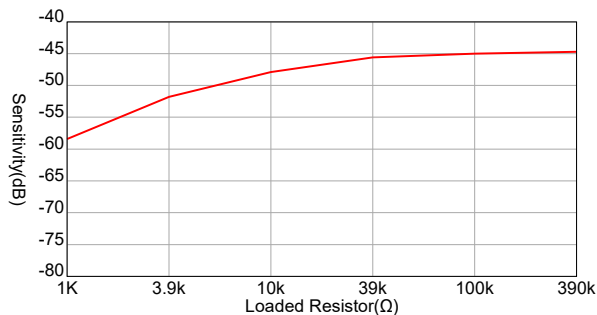
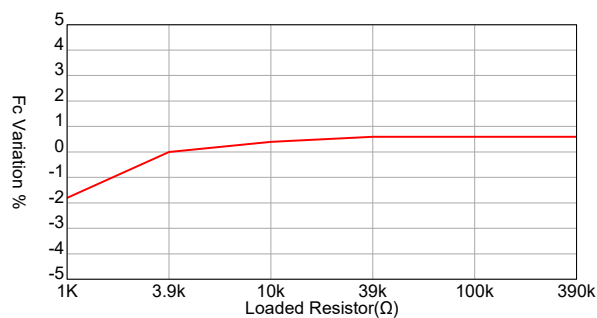
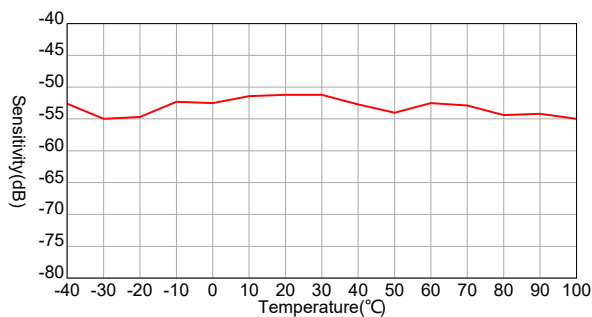
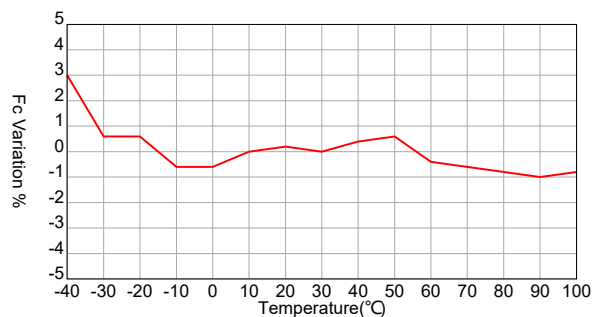
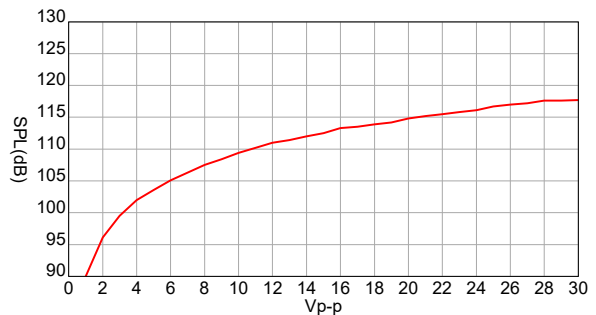
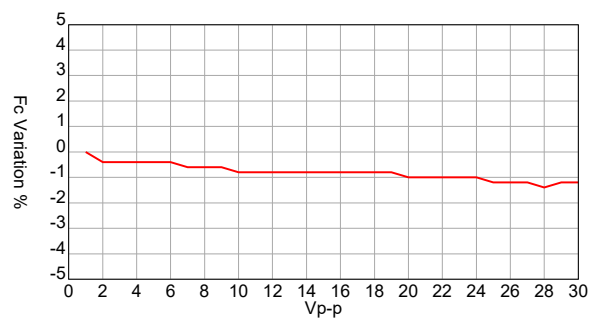
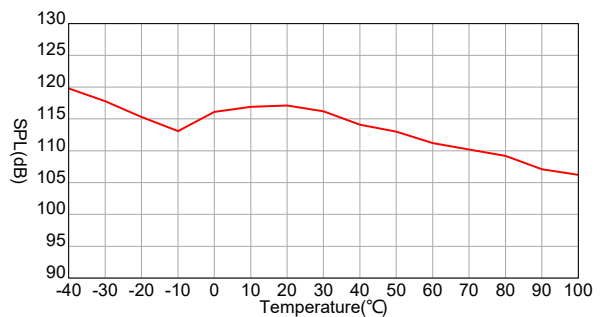
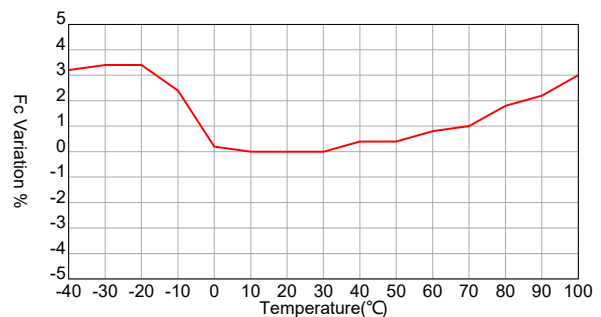
Beam Angle

Tested at 25.0KHz frequency



S. Square Enterprise Company Limited
Pro-Wave Electronics Corporation

<http://www.pro-wave.com.tw> ; E-mail: sales@pro-wave.com.tw ; Tel: 886-2-22465101 ; Fax: 886-2-22465105

250SR240 Receiver**Sensitivity Variation vs. Loaded Resistor****Center Frequency Shift vs. Loaded Resistor****Sensitivity Variation vs. Temperature****Center Frequency Shift vs. Temperature****250ST240 Transmitter****SPL Variation vs. Driving Voltage****Center Frequency Shift vs. Driving Voltage****SPL Variation vs. Temperature****Center Frequency Shift vs. Temperature**

S. Square Enterprise Company Limited
Pro-Wave Electronics Corporation

<http://www.pro-wave.com.tw> ; E-mail: sales@pro-wave.com.tw ; Tel: 886-2-22465101 ; Fax: 886-2-22465105