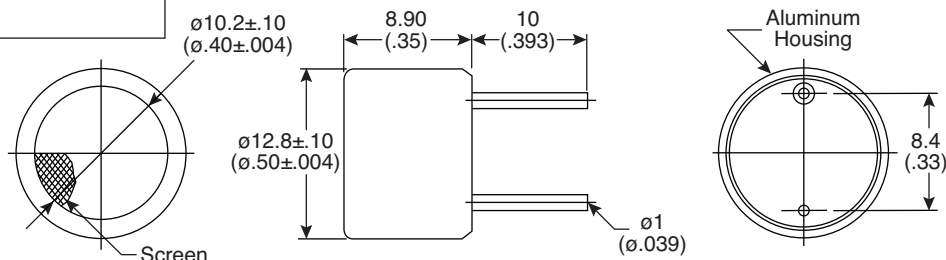
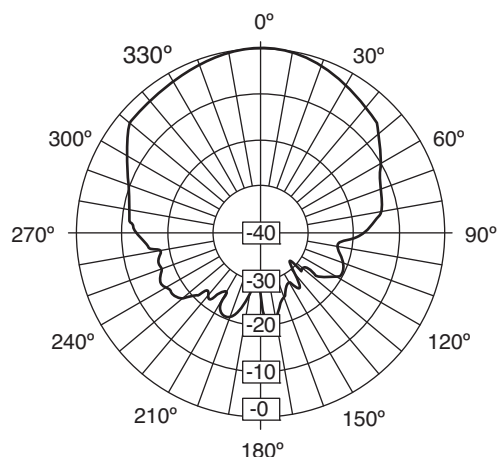
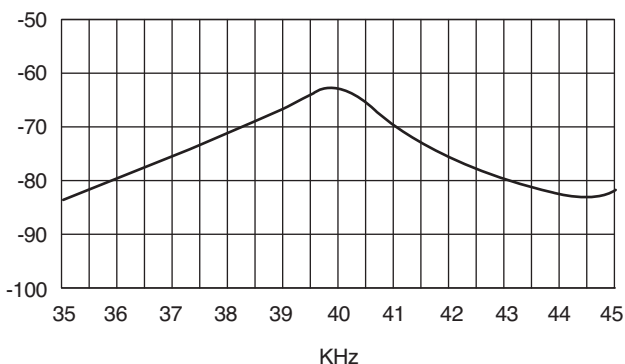
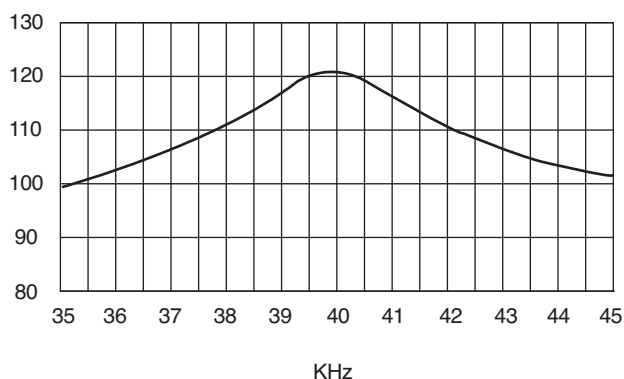


**Part Number:**

 255-400ST12-ROX  
 255-400SR12-ROX

**Directivity**  
 (255-400ST12-ROX)

**Sensitivity** (255-400SR12-ROX)

**Sound Pressure** (255-400ST12-ROX)

**Electrical Specifications:**

- Center frequency ( $f_0$ ): 40.0KHz  $\pm$  1.0KHz
- SPL @  $f_0$ : 255-400ST12-ROX = 115dB (0dB re 0.0002  $\mu$  bar)
- Sensitivity @  $f_0$ : 255-400SR12-ROX = -67dB (0dB = 1V/ $\mu$  bar)
- Driving voltage: 1V min., 20V max.
- Bandwidth (-6dB): 2KHz
- Allowable input power: .2W
- Capacitance @ 1KHz: 2,400pF  $\pm$  20%

**Soldering Process:**

- Reflow Temperature: 250°C

**Mechanical Specifications:**

- Type: Transmitter: 255-400ST12-ROX  
Receiver: 255-400SR12-ROX
- Operating temperature: -30°C ~ +85°C
- Storage temperature: -40°C ~ +100°C

**Note:**

- RoHS Compliant by Exemption

KT-400243