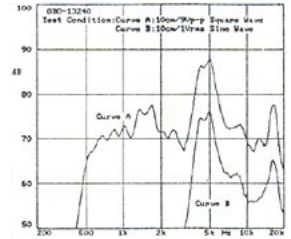
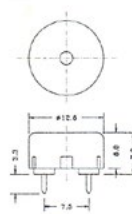


Piezo Buzzers - External Drive



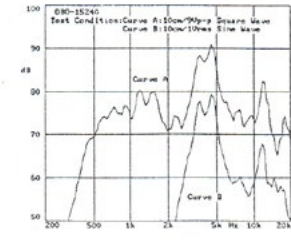
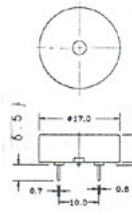
54-13240 - PCB Mount - Dia. 12.5mm

Sound Pressure: 80db min. @ 4KHz / 9.0v p-p Square Wave / 10 cm
 Allowable Input Voltage: 15v p-p max.
 Current Consumption: 3 mA / 4.0 Khz / 9v p-p Square Wave
 Capacitance: 10,000 pF ± 30% / 25 °C
 Temp. Range: -20 °C to +70 °C
 Pin Spacing: 7.6mm



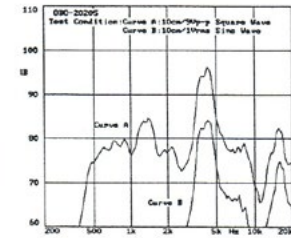
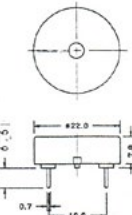
54-15240 - PCB Mount - Dia. 17mm

Sound Pressure: 80db min. @ 4KHz / 9.0v p-p Square Wave / 10 cm
 Allowable Input Voltage: 30 v p-p max.
 Current Consumption: 3 mA / 4.0 Khz / 9v p-p Square Wave
 Capacitance: 14,000 pF ± 30% / 25 °C
 Operating Temp. Range: -20 °C to +70 °C
 Pin Spacing: 10mm



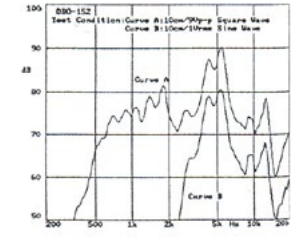
54-20205 - PCB Mount - Dia. 22mm

Sound Pressure: 85db min. @ 4KHz / 9.0v p-p Square Wave / 10 cm
 Allowable Input Voltage: 30 v p-p max.
 Current Consumption: 3 mA / 4.0 Khz / 9v p-p Square Wave
 Capacitance: 15,000 pF ± 30% / 25 °C
 Operating Temp. Range: -20 °C to +70 °C
 Pin Spacing: 10mm



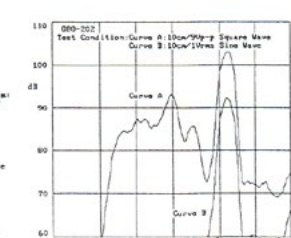
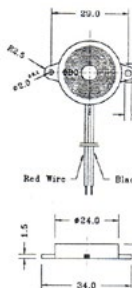
54-152 - Lead Wire - Dia. 16.8mm

Sound Pressure: 80db min. @ 4KHz / 9.0v p-p Square Wave / 10 cm
 Allowable Input Voltage: 30 v p-p max.
 Current Consumption: 3 mA / 4.0 Khz / 9v p-p Square Wave
 Capacitance: 10,000 pF ± 30% / 25 °C
 Operating Temp. Range: -20 °C to +70 °C
 Lead Length: 85 ± 5 mm



54-202 - Lead Wire - Dia. 24mm

Sound Pressure: 90db min. @ 5KHz / 9.0v p-p Square Wave / 10 cm
 Allowable Input Voltage: 30 v p-p max.
 Current Consumption: 3 mA / 4.0 Khz / 9v p-p Square Wave
 Capacitance: 10,000 pF ± 30% / 25 °C
 Operating Temp. Range: -20 °C to +60 °C
 Lead Length: 85 ± 5 mm



Recommended circuits for external drive types

