

SMC-1850 GEOPHONE



High Temperature Geophone

SMC-1850

MECHANICAL SPECIFICATIONS

| | |
|----------------------------|--|
| Orientation | Omni (Vertical and Horizontal also available) |
| Moving Mass | 6.6 g (0.23 oz) |
| Maximum Coil Excursion p-p | 3.05 mm (0.12 in.) |
| Diameter | 2.22 cm (0.875 in.) |
| Height | 2.64 cm (1.04 in.) |
| Weight | 44 g (1.52 oz) |
| Storage Temperature | -40°C to +100°C (-40 to +212°F) |
| Operating Temperature | -40°C to +200°C (-40 to +392°F) |

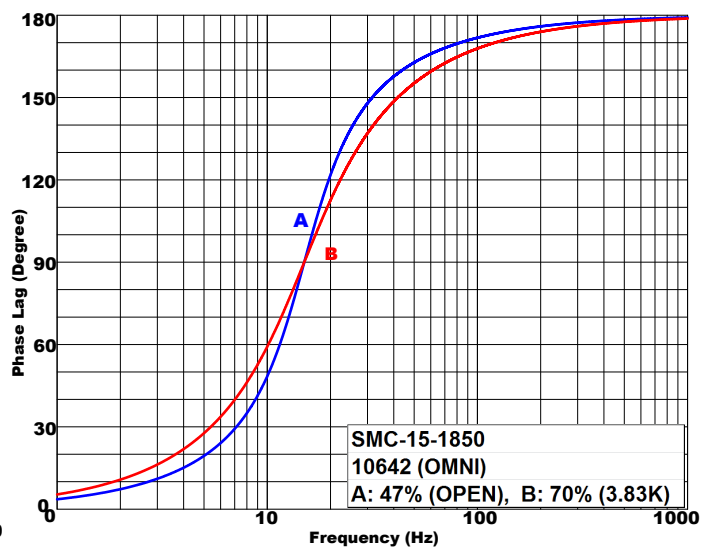
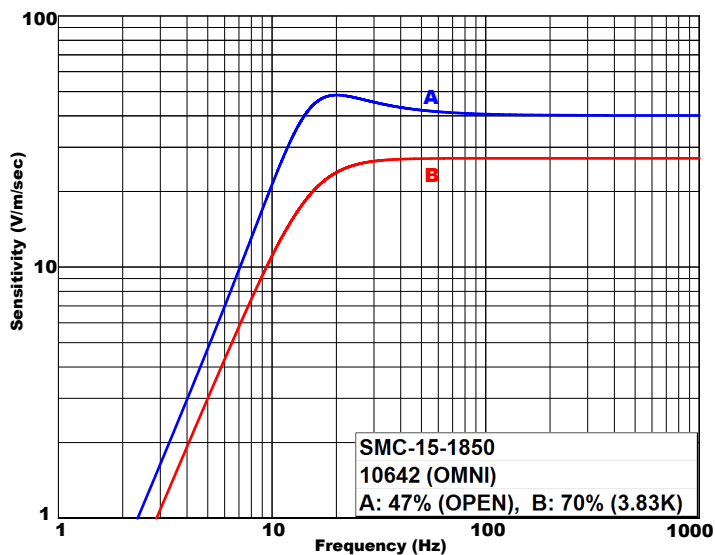
ELECTRICAL SPECIFICATIONS

@25°C

| | |
|----------------------------|--------------------------|
| Frequency | 15 Hz * |
| Spurious Frequency | 365 Hz |
| Distortion at Vertical | < 1% |
| Coil Resistance | 1850 Ω * |
| Open-Circuit Sensitivity | 40.16 V/m/s (1.02 V/i/s) |
| Sensitivity at 70% Damping | 27.56 V/m/s (.70 V/i/s) |
| Open-Circuit Damping | 47% |

* Other frequencies and resistances available.

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