

# GS-32CT GEOPHONE



**Close Tolerance Specs  
High Spurious Response**

# GS-32CT

## PHYSICAL SPECIFICATIONS

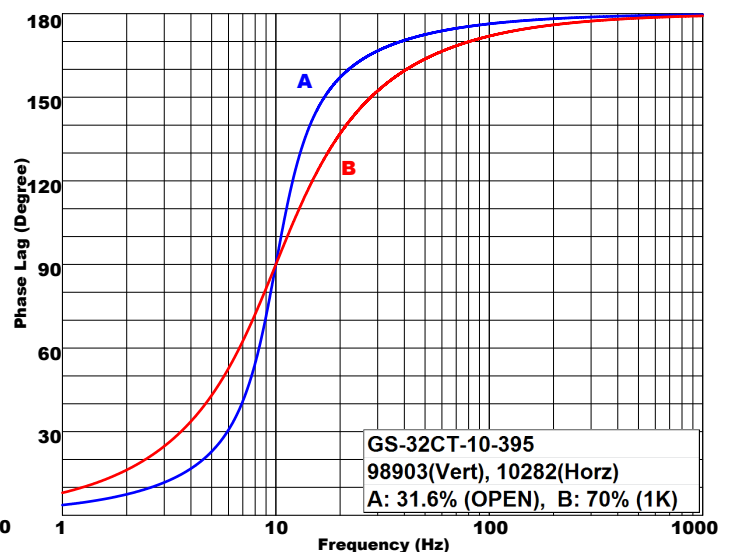
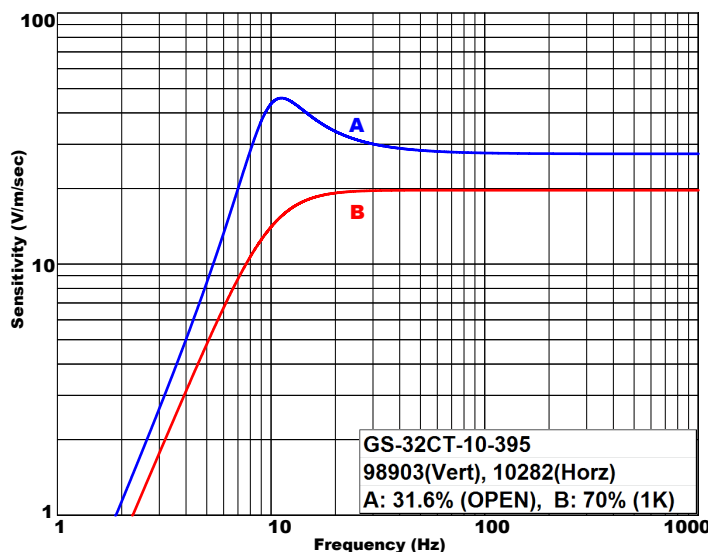
|                                       |                                   |
|---------------------------------------|-----------------------------------|
| Orientation                           | Vertical and Horizontal available |
| Moving Mass                           | 11.2 g (0.395 oz)                 |
| Maximum Coil Excursion p-p            | >1.52 mm (0.06 in.)               |
| Diameter                              | 2.54 cm (1.00 in.)                |
| Height (less terminals)               | 3.30 cm (1.30 in.)                |
| Weight                                | 86 g (3.03 oz)                    |
| Operating & Storage Temperature Range | -45 to +100°C (-49 to 212°F)      |

## ELECTRICAL SPECIFICATIONS

|                                    | @25°C  |
|------------------------------------|--|
| Frequency                          | 10 Hz *  |
| Spurious Frequency, typical        | >250 Hz  |
| Coil Resistance                    | 395 Ω *  |
| Distortion at Vertical             | <0.10%   |
| Open-Circuit Sensitivity           | 27.48 V/m/s (0.698 V/in/s)                         |
| Sensitivity at 70% Damping         | 19.69 V/m/s (0.500 V/in/s)                         |
| Open Circuit Damping               | 31.6%  |
| Tilt Angle when coil hits end stop | Vertical geophone = 37°   Horizontal geophone ±10° |

\* Other frequencies and resistances available.

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