

Noise Filters for Telephone Sets

ST-101, 201, 202, 202S

[RoHS Compliant]

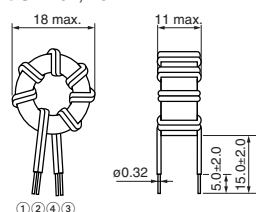


Model	Frequency range (MHz)	Impedance (kΩ) min.	Rated voltage DC (V)	Rated current (mA)	DC resistance (mΩ/Line) max.	Operating temperature range (°C)	Remarks
ST-101	0.5 to 7	3 (at 0.5 MHz)	50	200	180	-20 to +75	AM band
ST-201	7 to 40	1.5 (at 7 MHz)	50	200	100	-20 to +75	FM band
ST-202	7 to 100	0.6 (at 100 MHz)	50	1000	40	-20 to +75	FM band
ST-202S	7 to 100	0.6 (at 100 MHz)	50	1000	35	-20 to +75	FM band

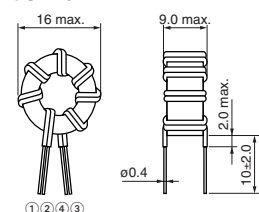
- Withstanding voltage: 500VDC (one minute, between lines)
- Insulation resistance: more than 10MΩ (250VDC, between lines)
- Recommended soldering conditions: 350±10°C, 2 to 3 sec.

Shape and Dimensions/Circuit Diagram

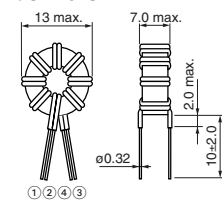
●ST-101, 201



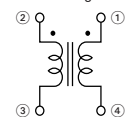
●ST-202



●ST-202S

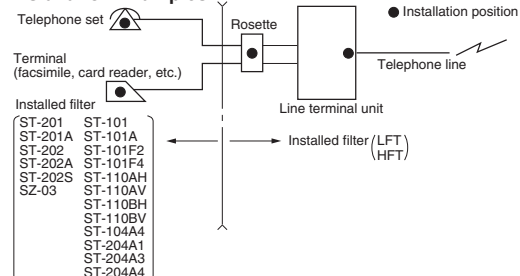


Circuit diagram



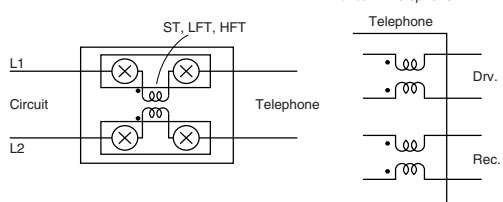
[mm]

Installation Examples

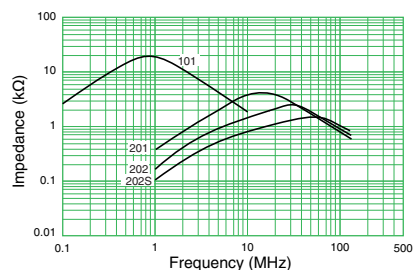


Design Examples

- Installation at rosette or circuit input/output
- Insertion in Driver/Receive circuit in telephone



Impedance vs. Frequency



- All specifications in this catalog and production status of products are subject to change without notice. Prior to the purchase, please contact NEC TOKIN for updated product data.
- Please request for a specification sheet for detailed product data prior to the purchase.
- Before using the product in this catalog, please read "Precautions" and other safety precautions listed in the printed version catalog.