

## Type: YS-4

### ◆ Product Description

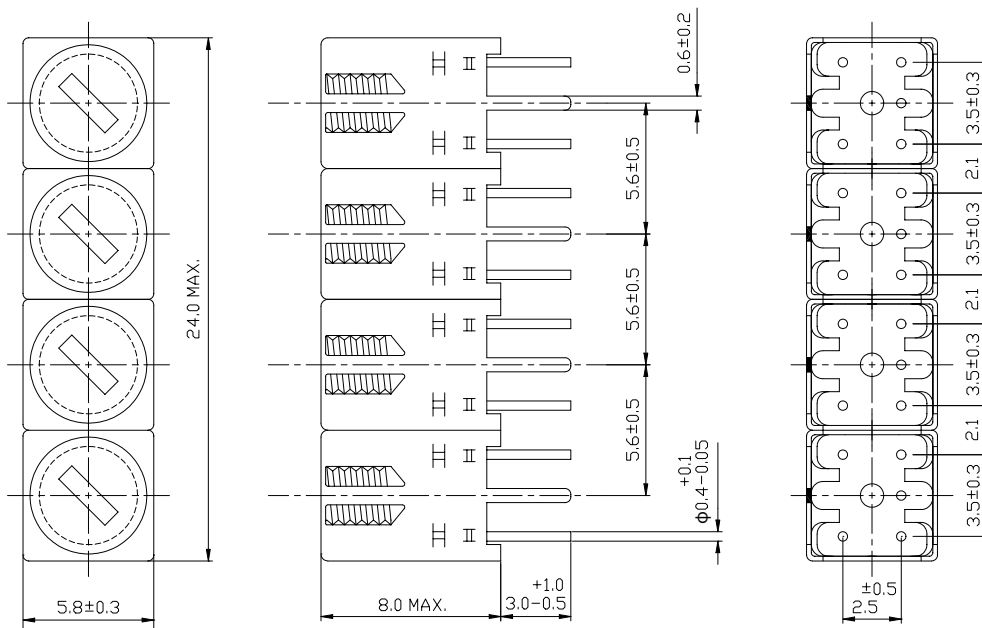
- 24.0×6.1mm Max.(L×W), 8.0mm Max. Height.
- Operating frequency:0.1~20MHz
- In addition to the reference versions of parameters shown here, custom designs are available to meet your exact requirements



### ◆ Feature

- Variable and/or fixed shielded type with four single coil combined.
- Two built-in chip capacitors are in one coil.
- Ideally used as video frequency LC filters for VCR, video cameras, etc. (LPF, BPF, Delay Line and Equalizers).
- Superior distortion factor.
- RoHS Compliance

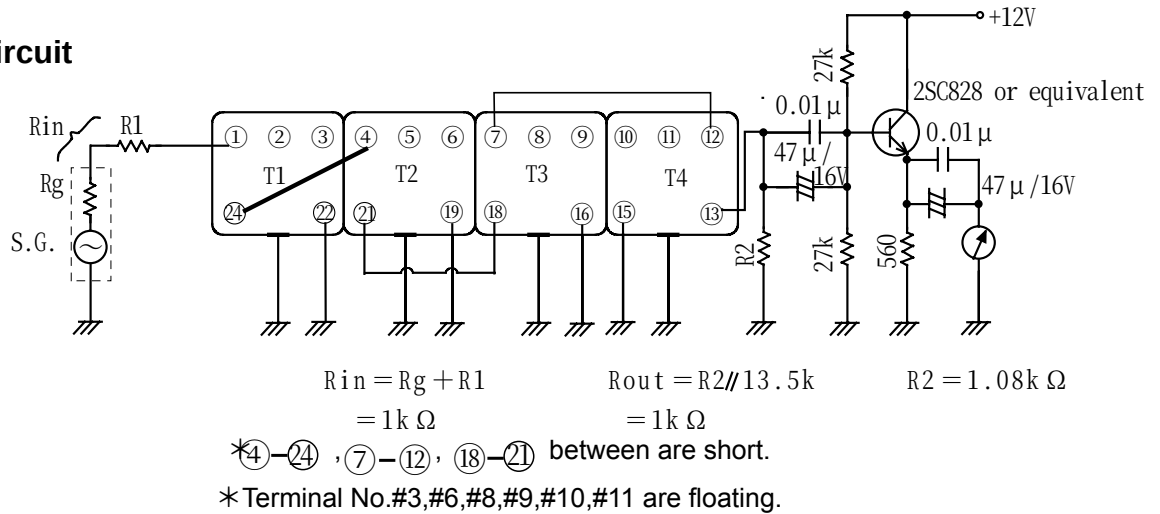
### ◆ Dimensions (mm)



- \* Dimension does not include solder used on coil.
- \* Pin pitch should be measured at the root of terminal.

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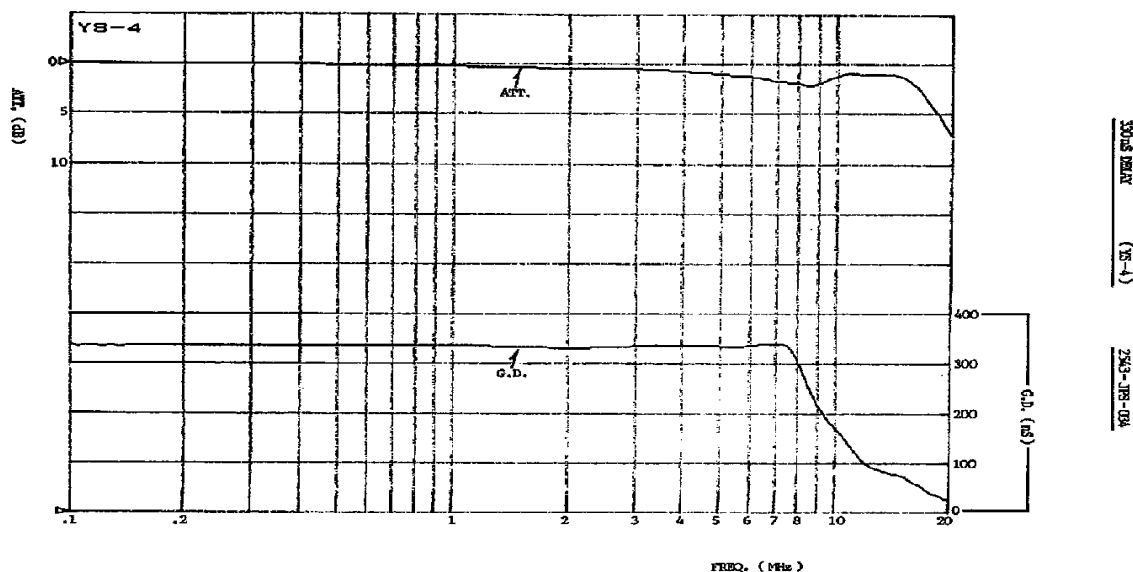
### ◆ Testing circuit



### ◆ Specification (Part Number: 2543-JPS-034)

| Item                           | Specification   |
|--------------------------------|-----------------|
| Input impedance ( $R_{in}$ )   | 1.0KΩ           |
| Output impedance ( $R_{out}$ ) | 1.0KΩ           |
| Attenuation 0.1~10MHz          | 4.0dB Max.      |
| Group delay time               |                 |
| 0.2 MHz                        | 330±50nS Within |
| 1.0 MHz                        | 330±50nS Within |
| 4.0 MHz                        | 330±50nS Within |
| 7.5MHz                         | 330±70nS Within |
| Insertion loss 0.1 MHz         | 1.2 dB Max.     |

Frequency Response (Attenuation 0dB at 0.1MHz)



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