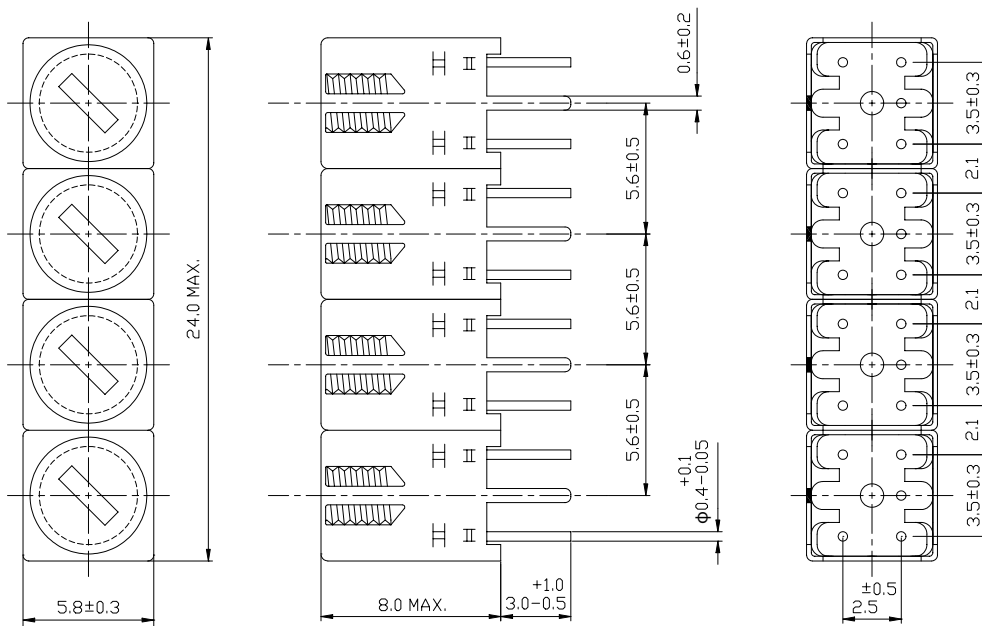


Type: YS-4
◆ Product Description

- 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

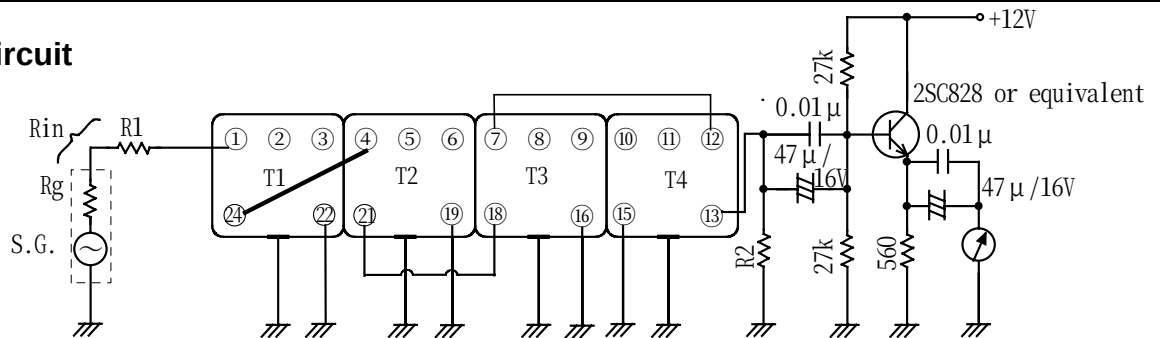
- Variable and/or fixed shielded type with four single coil combined.
- Two built-in chip capacitors are in one coil.
- Ideally used as video frequency LC filters for VCR, video cameras, etc. (LPF, BPF, Delay Line and Equalizers).
- Superior distortion factor.
- RoHS Compliance

◆ Dimensions (mm)


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

Type: YS-4

◆ Testing circuit



$$R_{in} = R_g + R_1$$

$$= 1k\Omega$$

$$R_{out} = R_2 // 13.5k$$

$$= 1k\Omega$$

$$R_2 = 1.08k\Omega$$

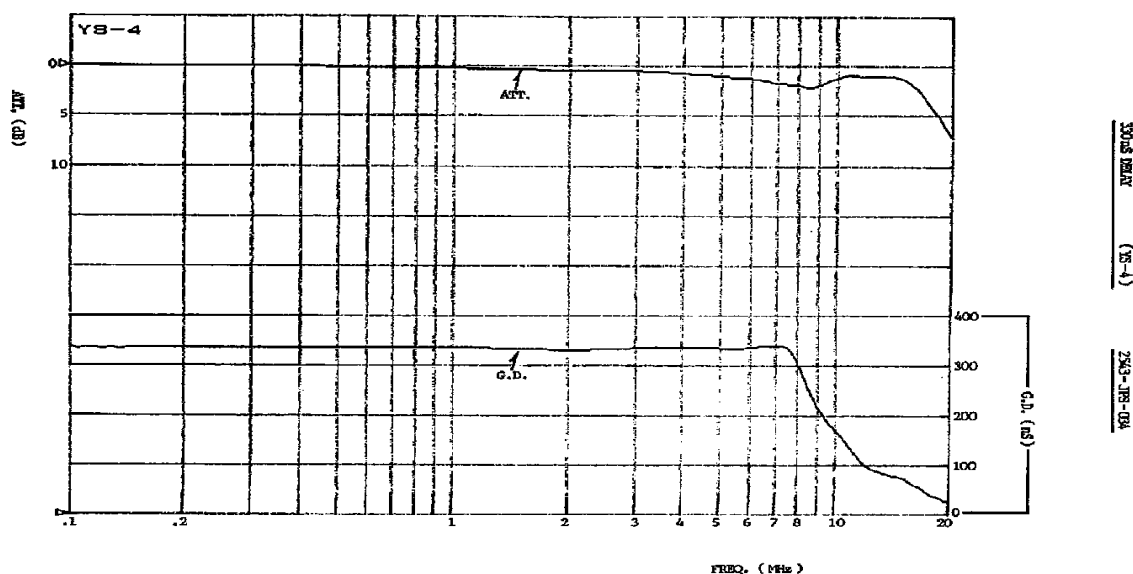
*④-②④, ⑦-⑫, ⑮-⑰ between are short.

*Terminal No.#3,#6,#8,#9,#10,#11 are floating.

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

Item	Specification
Input impedance (Rin)	1.0KΩ
Output impedance (Rout)	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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