

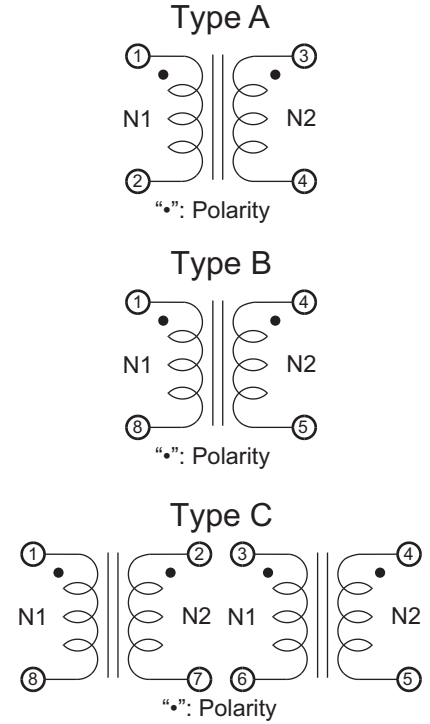
### FEATURES

- Miniature surface mount component
- High performance ferrite with superior frequency characteristics
- For EMI countermeasures at signal lines of microcomputer, peripheral devices, etc.

### ELECTRICAL CHARACTERISTICS

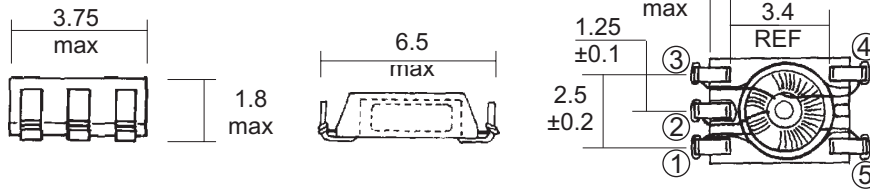
Part Number	Inductance (uH) 0.1V, 1KHZ				DC Resistance (One Line) ( m )	Rated Current ( mA )	Insulation Resistance ( m ) /100VDC	Style
	L ONE LINE	L1 - L2 L3 - L4	L1, L2	L1 - L2				
TLF0602-820Y			82±50%	4 max	200 max.	300	10 max.	A
TLF0602-181Y			180±50%	8 max	250 max	300	10 max.	A
TLF0602-331Y			330±50%	10 max	300 max.	300	10 max.	A
Hi-Pot test (N1-N2): 250VAC / 60Hz, 3mA, 1 minute								
TLF0905-100Y			10±30%	1 max	90 max	1500	10 max.	A
TLF0905-470Y			47±30%	3 max	255 max	940	10 max.	A
TLF0905-251Y			250 <sup>+50%</sup> <sub>-30%</sub>	30 max	110 max	1430	10 max.	A
TLF0905-501Y			500 <sup>+50%</sup> <sub>-30%</sub>	30 max	150 max	1200	10 max.	A
TLF0905-102Y			1000 <sup>+50%</sup> <sub>-30%</sub>	35 max	300 max	850	10 max.	A
TLF0905-202Y			2000 <sup>+50%</sup> <sub>-30%</sub>	55 max	470 max	680	10 max.	A
Hi-Pot test (N1-N2): 700VAC / 60Hz, 3mA, 1 minute								
TLF1306 - 350Y*			35.0±35%	4.0 max	35 max	2700	10 max.	B
TLF1306 - 600Y*			60.0±35%	5.0 max	65 max	2000	10 max.	B
TLF1306 - 101Y**	100±35%	15 max.			100 max.	700	10 max.	C
TLF1306 - 251Y**	250±35%	25 max.			150 max.	600	10 max.	C
TLF1306 - 501Y**	500±35%	35 max.			200 max.	500	10 max.	C
TLF1306 - 102Y**	1000±35%	45 max.			300 max.	400	10 max.	C
TLF1306 - 332Y**	3300±35%	85 max.			510 max.	300	10 max.	B
Hi-Pot Test: 700 Vac/60 Hz, 3mA, 1 minute					Note: L, L1, L2: Inductance rating of each winding			
* Temperature Rise: 45°C max. at rated current					L1-L2, L3-L4 Max difference between windings			
** Temperature Rise: 20°C max at rated current.								

### SCHEMATIC DIAGRAMS

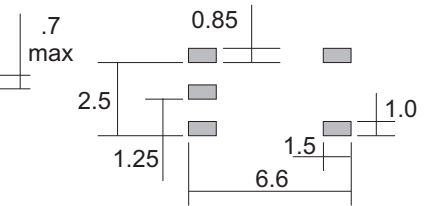


### DIMENSIONS (mm)

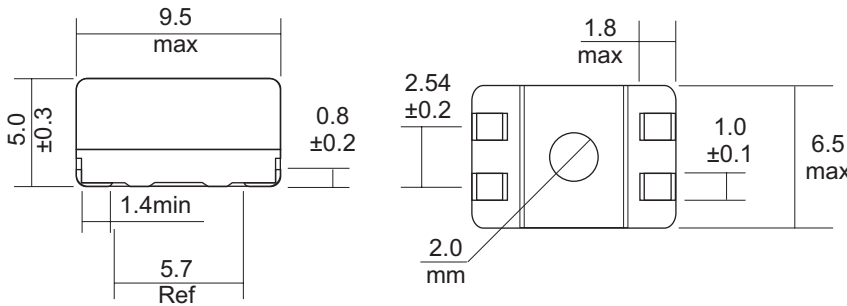
#### TLF0602 Size



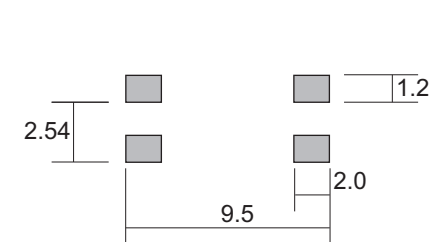
#### PC Board Pattern



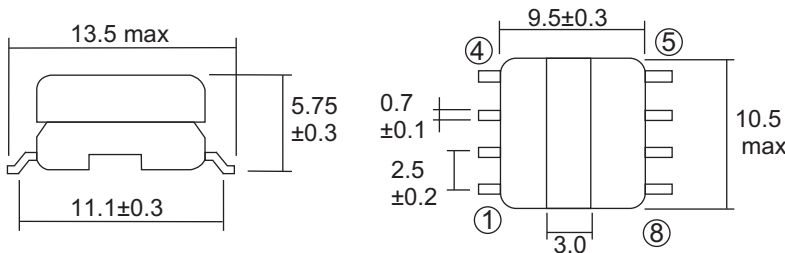
#### TLF0905 Size



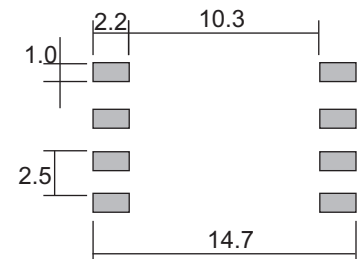
#### PC Board Pattern



#### TLF1306 Size



#### PC Board Pattern



■ **IMPEDANCE vs FREQUENCY**

