



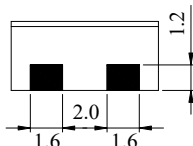
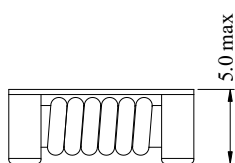
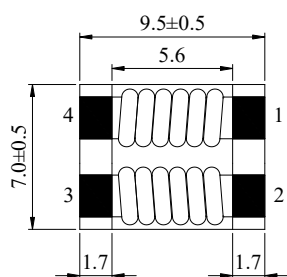
Features :

- ◆ Ideal for high impedance common mode noise suppression in a compact case.
- ◆ Suitable for large rated current.
- ◆ NiZn ferrite core construction and class H enamelled copper wire.
- ◆ Meet RoHS compliant, Halogen free are available.
- ◆ Storage temperature: -40°C to +125°C.
- ◆ Operating temperature: -40°C to +125°C(temperature rise included).

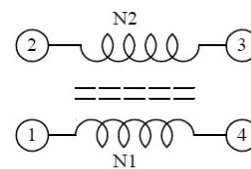
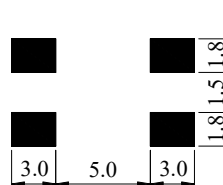
Applications :

- ◆ Power line noise countermeasure for various electronic equipment.
- ◆ Noise countermeasure for adapter lines and battery lines.
- ◆ Noise countermeasure for Camcorder, LCD TV, Notebook PCs, DC/DC converter.

Dimensions & Recommended Land Pattern : [mm]



Suggested Pad Layout



No polarity

Electrical Specification :

Part Number	Impedance [@100MHz]		Rated current (A _{dc}) max.	Rated voltage (V _{dc})	DC Resistance (mΩ/Line) max.	Insulation resistance (MΩ) min.
	Z (Ω) min.	Z (Ω) typ.				
TSHQ9070N - 301	225	300	6.0	80	6	10
TSHQ9070N - 601	450	600	5.5	80	8	10
TSHQ9070N - 701	500	700	5.0	80	10	10
TSHQ9070N - 102	750	1000	4.0	80	13	10
TSHQ9070N - 152	1100	1500	3.5	80	18	10
TSHQ9070N - 222	1700	2200	2.5	80	60	10
TSHQ9070N - 272	2000	2700	2.0	80	86	10

* Custom design are available upon requested.

1. Impedance measured at: 100MHz, 0.1Vrms, on an Agilent/HP4991A or equivalent.
2. Rated current : DC current that causes the temperature rise(Δ t=40°C) from 25°C ambient.
3. DC Resistance and other of electrical specifications measured at 25°C.
4. Insulation resistance ≥10MΩ@500VDC between line to Line.
5. Packaging specification : Tape and Reel, it is referred to the international standard IEC60286-3:2007. 700 PCS / 13" Reel.