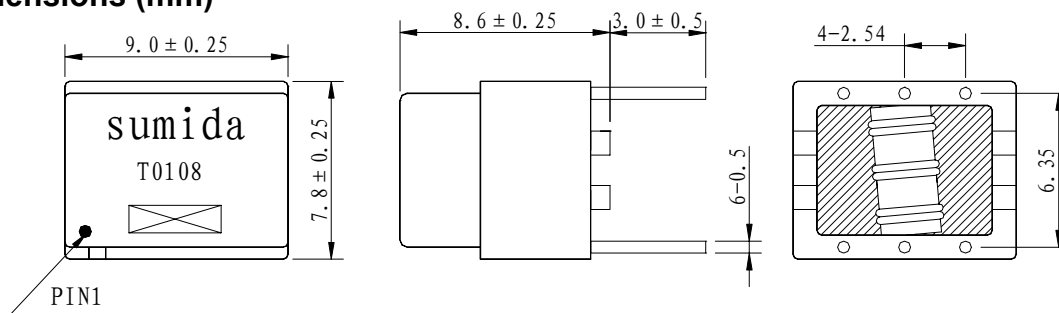
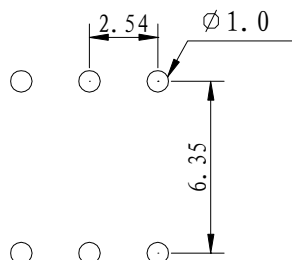
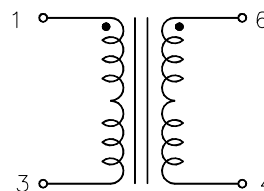


**Type: BM8290**
**◆ Product Description**

- 9.25×8.05mm Max.(L×W),8.85mm Max. Height.
- Operating frequency: 4~21MHz.


**◆ Feature**

- HomePlug line isolation transformer.
- Ideally for powerline networking applications in set-top box and other CPE data networking devices.
- RoHS Compliance.

**◆ Dimensions (mm)**

**◆ Land Pattern (mm)**

**◆ Schematics(Bottom)**

**◆ Specification(Part Number:T0108)**

		Testing condition	
D.C.R	(1-3)	$66m\Omega \pm 20\%$ WITHIN	
D.C.R	(6-4)	$62m\Omega \pm 20\%$ WITHIN	
Inductance	(1-3), (6-4)	100uH Min.	10kHz,0.01Vrms
Leakage Inductance	(1-3)	0.18uH Max.	100kHz,0.01Vrms,short(6+4)
Turn Ratio	(1-3):(6-4)	1:1( $\pm 2\%$ )	100kHz,0.1Vrms
Insertion Loss		0.3dB Max.	4MHz
		0.5dB Max.	10MHz
		0.5dB Max.	21MHz