

ISDN S-INTERFACE TRANSFORMER

P/N:S5970 DATA SHEET

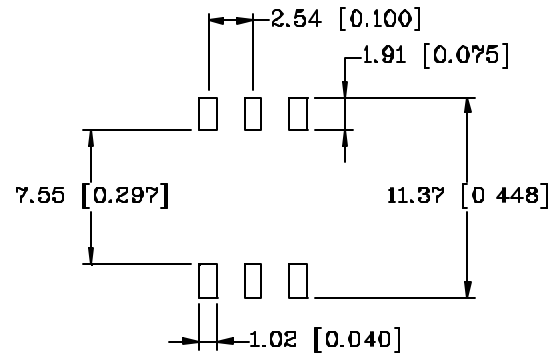
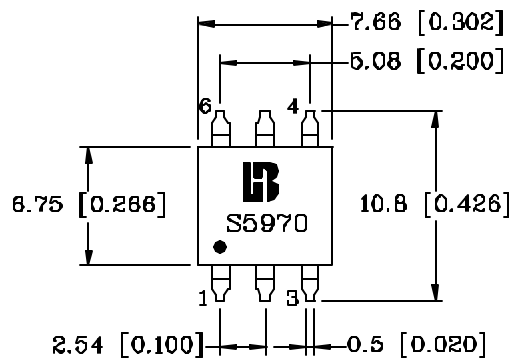
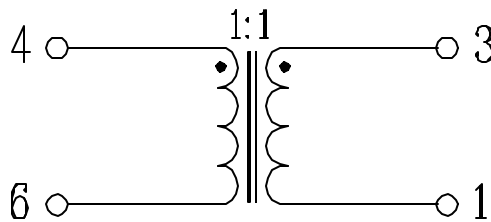
A. General Specifications:

1. Fast rise time compatible with standards
2. Surface mount packages available

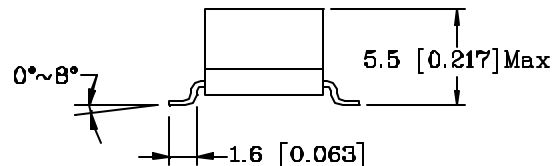
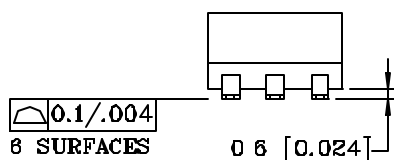
B. Electrical Specifications@25°C :

- | | | | |
|----------------------|---------|---------|---------------|
| 1. Turn Ratio(TX:RX) | : 1:1 | ±2% | |
| 2. OCL | : 190 | μH Min. | |
| 3. Insertion Loss | : -0.75 | dB Max. | 200KHz-400KHz |
| | : -0.5 | dB Max. | 400KHz-30MHz |
| 4. Return Loss | : -20 | dB Min. | 400KHz-20MHz |
| | : -18 | dB Min. | 20MHz-30MHz |
| 5. Hi-Pot | : 1500 | Vrms. | |

C. Schematics & Mechanical



PCB Suggest pad layout



Dimensions: mm[Inches] Tolerances: ±0.25[0.01]