

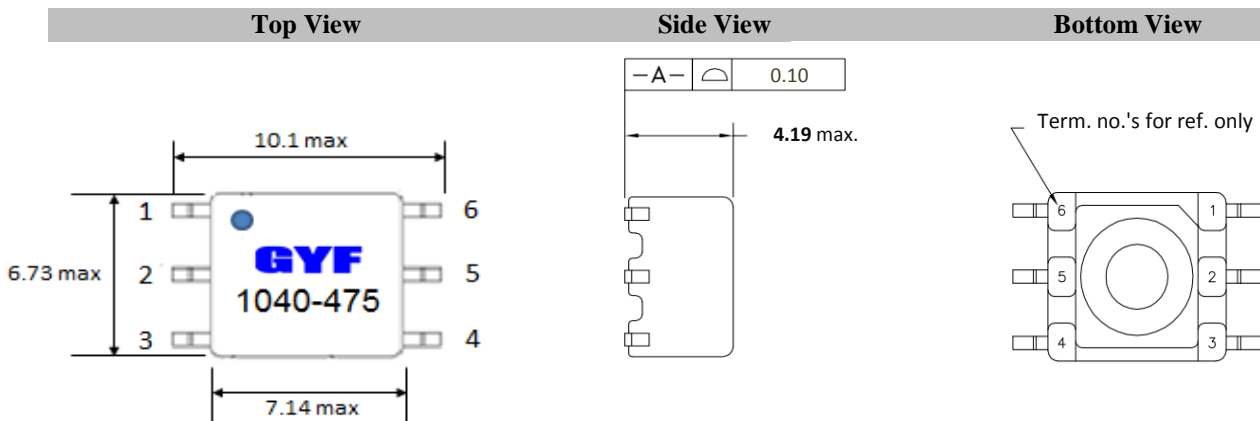
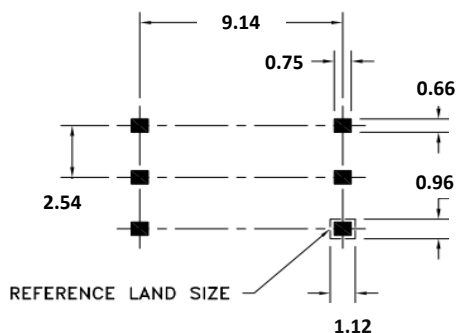
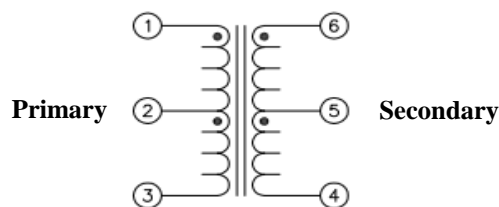
**FTR1040** (Rev. 2.0)**Features**

- \* Small size with high performance.
- \* High isolation voltage of 2.5kV.

**Product Identification**

**FTR**      **1040**      -      **475**      **I**  
 1            2                                  3            4

1. Product Code
2. Size Code (L\*H): 10.1 \* 4.19 mm
3. Inductance: 475uH
4. Tolerance: Minimum

**Dimension & Recommended Pad Layout: [mm]****Pad Layout****Schematics****FTR1040** Audio Transformers / Signal Transformers**Applications**

- \* Isolated interfaces such as RS-485, RS-232, RS-422, I2C, or low power LAN

**Operating & Storage Condition :**

- \* Operating Temp. : -40 to +125 °C
- \* Storage Temp. : -40 to +125 °C
- \* Storage Life Time : 12 Months @25 °C , RH 70%

**Test Equipment :**

- \* Wayne kerr 3260B/G LCR Meter
- \* Wayne kerr 3265B Bias Current Source \* CH9053

**Standard Atmospheric Conditions :**

- \* Ambient Temp : 20+/-15 °C
- \* Relative Humidity : 65+/-20%

**Electrical Characteristics**

P/N	Turns Ratio (±2%)	Pri.-Sec. Insulation @3125VAC, 1 sec.	L (1-3) @10KHz/ 0.1V	DCR (max.)	
				1-3	6-4
FTR1040-475I	Pri. : Sec. = 1 : 2	2500VAC/1 minute	Min. 475uH	350mΩ	570mΩ

- \* Current Rating: 150mAAC;
- \* Voltage Time: 11VuS
- \* Functional insulation for a primary circuit at a working voltage of 400Vrms.