

**TTR95 ( Rev. 1 . 0 )**



**Features**

- \* One channel with choke.
- \* Supports serial daisy chain / IsoSPI.
- \* Holds reference designs with Analog Device's Model.
- \* RoHS compliant.

**Product Identification**

**TTR**      **95**      -      **151**      **B**  
 1            2                                  3            4

1. Product Code
2. Size Code
3. Inductance: 150uH
4. B: Inductance between 150uH and 450uH

**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%

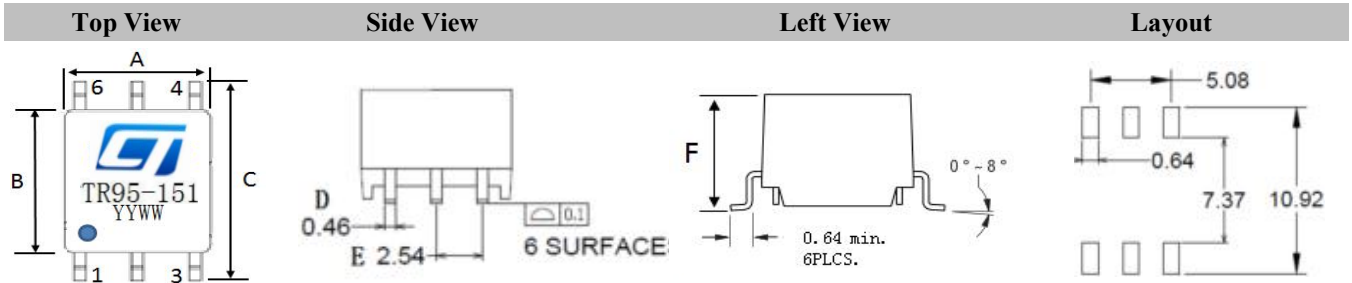
**Test Equipment :**

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

**Standard Atmospheric Conditions :**

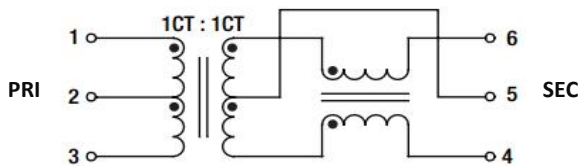
- \* Ambient Temp : 20+/-15°C
- \* Relative Humidity : 65+/-20%

**Dimension & Recommended Pad Layout: [mm]**



Size Code	A(+/-0.25)	B(+/-0.25)	C(+/-0.25))	D(±0.12)	E(±0.15)	F(±0.25)
95	7.60	6.80	9.45	0.46	2.54	5.30

**Schematics**



**Electrical Characteristics**

P/N	L (1-3/6-4)	Leakage Inductance (1-3 short 6-4)	Turns Ratio (±2%)	Hi-Pot (Pri-Sec) @ 1mA, 60sec.	DCR (max.)	
					1-3	6-4
TTR95-151B	150-450uH	0.5uH max.	1-3:6-4=1:1	4300VDC	0.55Ω	0.85Ω
	<b>Insertion Loss</b> @4MHZ	<b>Return Loss</b> (Z out = 100 ohms) @4MHZ	<b>CMRR</b> @1-200MHZ	<b>Cross Talk</b> (Between Each Channel) @4MHZ		
	-0.25dB max.	-20dB min.	-35dB min.	-50dB min.		

\* L & Leakage Inductance Test Conditions: 100KHz/ 0.1V

