

G . hn Transformer

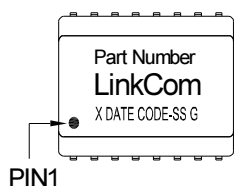
- RoHS Compliant
- Operating Temperature -40°C to +85°C
- For MaxLinear DW920 design 88LX5152(DSP)/ 88LX2720(AFE) G.hn Wave-2 Chipset

Electrical Specifications @25°C

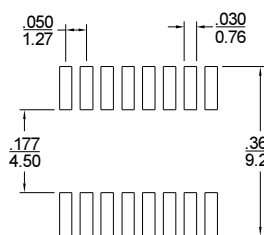
Inductance	PIN1-4 & PIN5-8 = 54uH Min. @100KHz/0.1V(PIN2-3,6-7 short)
	PIN14-13 & PIN10-9 = 54uH Min. @100KHz/0.1V
	PIN16-15 & PIN12-11 = 6uH Min. @100KHz/0.1V
D.C.R.	PIN1-4 & PIN5-8 = 250mohm Max.(PIN2-3,6-7 short)
	PIN14-13 & PIN10-9 = 250mohm Max.
	PIN16-15 & PIN12-11 = 43mohm Max.
Turn Ratio	PIN 1-4 : PIN 14-13: PIN 16-15= 3 : 3 : 1 ±2%(PIN2-3 short)
	PIN 5-8 : PIN 10-9: PIN 12-11= 3 : 3 : 1 ±2% (PIN6-7 short)
Insertion Loss	0.5dB Typ. @2MHz
	0.5dB Typ. @30MHz
Return Loss	25dB Typ. @2MHz
	25dB Typ. @30MHz
Hi-POT	PRI. – SEC. = 1500VAC/60Hz/2Sec/1mA

Dimensions

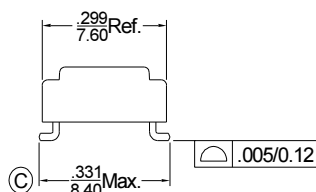
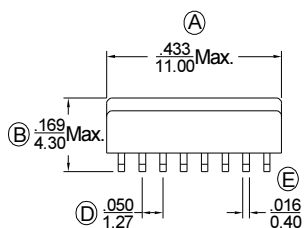
(Units: $\frac{\text{Inches}}{\text{mm}}$, Unless otherwise specified, all tolerances are $\pm\frac{.010}{0.25}$)



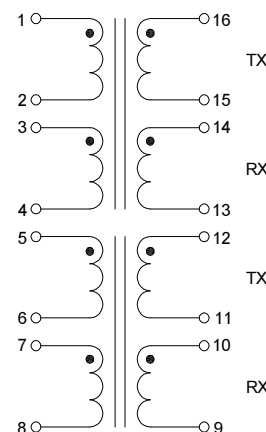
TOP VIEW



SUGGESTED PAD LAYOUT



Schematic



Mark

1. Part Number----LTC0353
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----51 OR BLANK
5. G----RoHS

Package info

LTC0353-51R - Tape reel