

Feature

- ◆ For RoHS part add postfix G
- ◆ Designed to meet IEEE802.3ab requirement.
- ◆ Single Port for NIC Application
- ◆ Primary inductance 350μH min. with 8mA DC bias.
- ◆ Designed to meet IR 245°C~250°C peak requirement.
- ◆ Operating temperature range : 0°C to +70°C

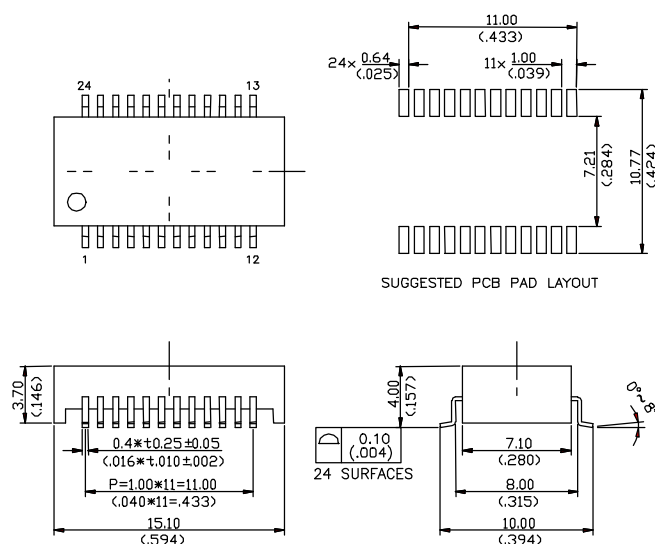
Specifications @ 25°C

Parameter	Condition	Min.	Typ.	Max.	Unit
Turn Ratio			1CT : 1CT		
Inductance	@100KHz, 100mV	350	*Note 1		μH
Insertion Loss	@1-100MHz			-1.0	dB
Return Loss	@1-30MHz	-16			dB
	@30-60MHz	*Note 2			dB
	@60-80MHz	-10			dB
Cross Talk	@1-60MHz	-40			dB
	@60-100MHz	-38			dB
DCMR	@30MHz	-43			dB
	@60MHz	-37			dB
	@100MHz	-33			dB
Voltage Isolation		1500			Vrms

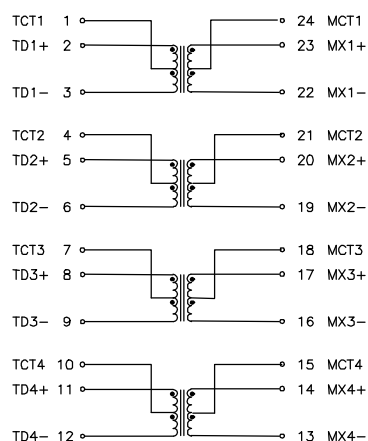
Note 1: measured at 8mAdc over operating temperature 0~70°C

Note 2: Greater than 16-20 log(f/30 MHz)dB

Dimension



Schematic



Unless otherwise specified , all tolerances are mm(inch) ± 0.25(0.01)