

Feature

- ◆ For RoHS date code add postfix "G3"
- ◆ Symmetrical TX and RX channels for auto MDI/MDIX capability.
- ◆ Designed to meet IEEE802.3u requirement.
- ◆ Primary inductance 350μH min. with 8mA DC Bias
- ◆ Designed to meet IR 245°C~250°C peak requirement.

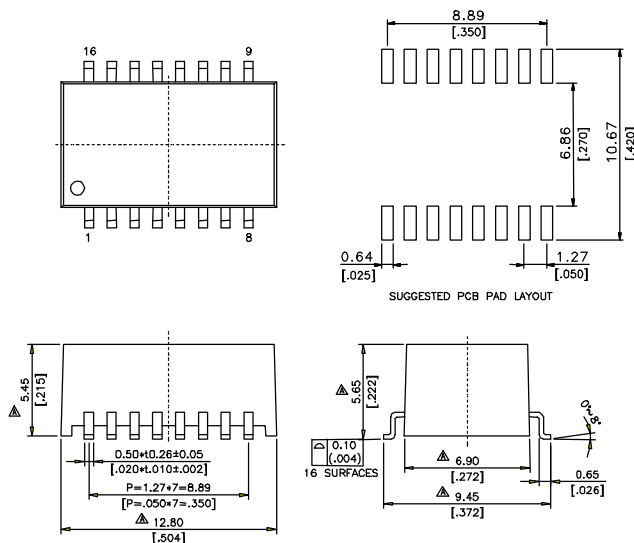
Specifications @ 25°C

Parameter	Condition	Min.	Typ.	Max.	Unit
Inductance	Pin(1-3) & Pin(6-8)	350	*Note 1		μH
Turn Ratio	Pin(1-3) : (16-14)		1 : 1		
	Pin(6-8) : (11-9)		1 : 1		
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
CMRR (TX/RX)	@1-60MHz	-45/-40			dB
	@60-100MHz	-40/-35			dB
Voltage Isolation		1500			Vrms

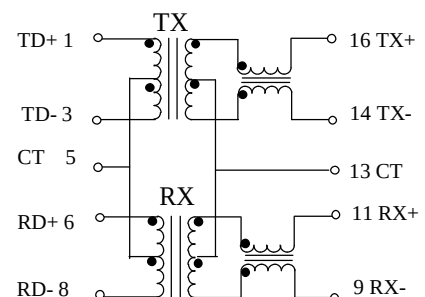
Note 1: measured at 8mA_{dc} over operating temperature 0~70°C

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

Dimension

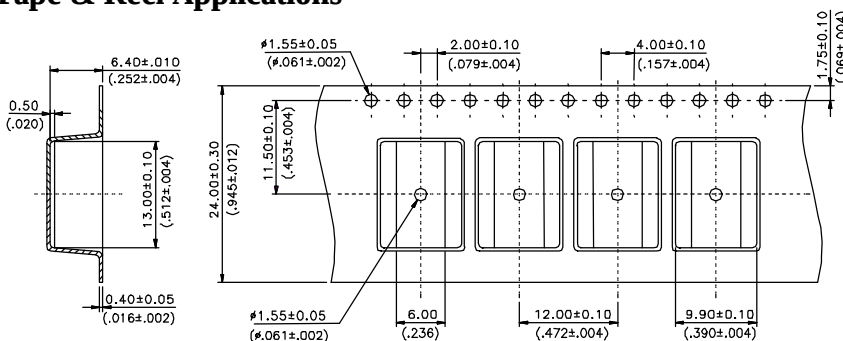


Schematic



Unless otherwise specified , all tolerances are mm(inch) ± 0.50(0.02)

Tape & Reel Applications



Weight 0.8 grams typ

Tape & Reel 750/reel

Tube 40/tube