

Feature

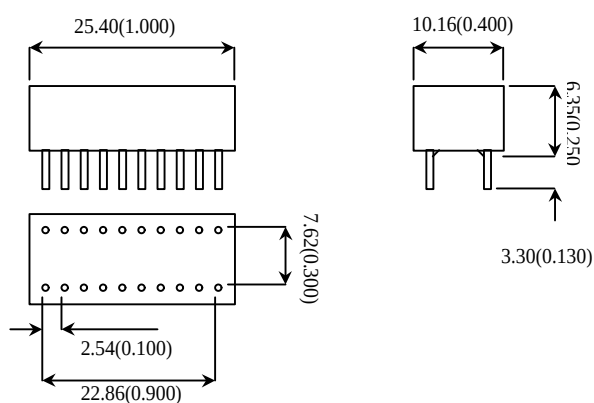
- ◆ Designed to meet IEEE802.3u requirement.
- ◆ Primary inductance 350 μ H min. with 8mA DC Bias
- ◆ Turn ratio 1:1 on transmitter side.

Specifications

Parameter	Condition	Min.	Typ.	Max	Unit
Inductance	Pin(16-17)&Pin(3-5)	350	*Note 1		μ H
Turn Ratio	Pin(16-17) : (1-2)		1 : 1		
	Pin(3-5) : (18-20)		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	@1-60MHz	-45/-40			dB
	@60-100MHz	-40/-35			dB
Voltage Isolation	1 minute	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

Unit:mm

Tolerance:±0.25mm

Schematic