

10/100BASE-TX TRANSFORMER

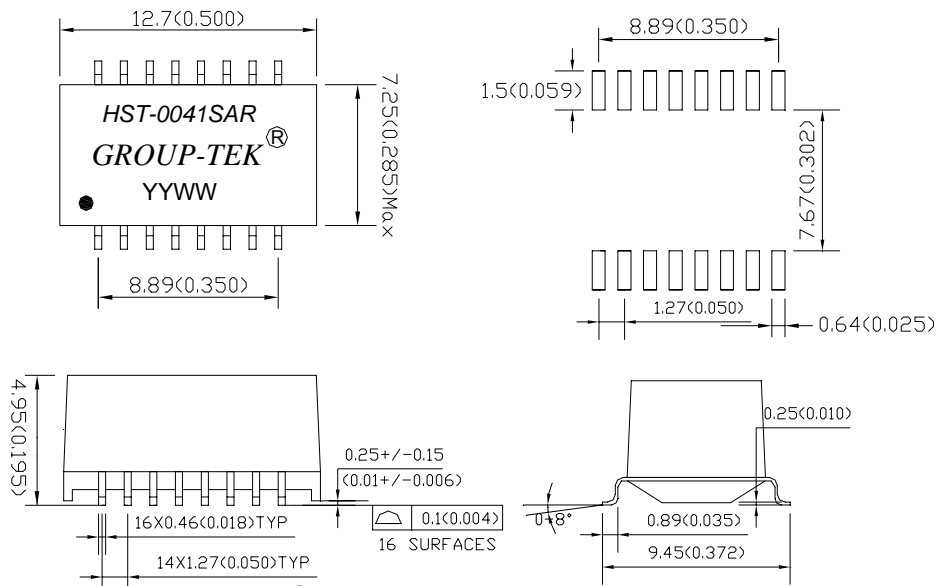
Features:



- Designed to meet IEEE 802.3 requirements.
- Non-PoE Product.
- Primary(PIN1-3,PIN6-8) inductance(Lp)350uH min.@ 100KHz,0.1Vrms,8mA.
- LL (PIN1-3 ShortPIN16+14):0.35uH Max @100KHz, 0.1V
- Cww(PIN1,3 With PIN16,14;PIN6,8 with PIN11,9):30pF Max@100KHz, 0.1V
- Primary(PIN1-3,PIN6-8) DCR:0.9ΩMax;Secondary(PIN16-14,PIN11-9) DCR:1.2ΩMax.
- Storage temperature -25°C to +125°C.
- RoHS compliance

Electrical Specification @ 25°C			Operating Temperature 0°C to +70°C										
Part NO	Turns Ratio (±5%)		Insertion loss (dB Max)	Return loss (dB Min)			Differential to CommonMode Rejection(dB Min)			Crosstalk (dB Min) MHz			Hipot (Vrms min)
	TX	RX		30	60	80	30	50	100	30	60	100	
HST-0041SAR	1:1	1:1	-1.1	-18	-14	-12	-42	-37	-33	-45	-40	-35	1500VAC/1mA/60S

Dimension:mm(inch)Unless otherwise specified , all tolerance are +/-0.25(0.01)



Schematic:

