

1000BASE-T MAGNETICS MODULES

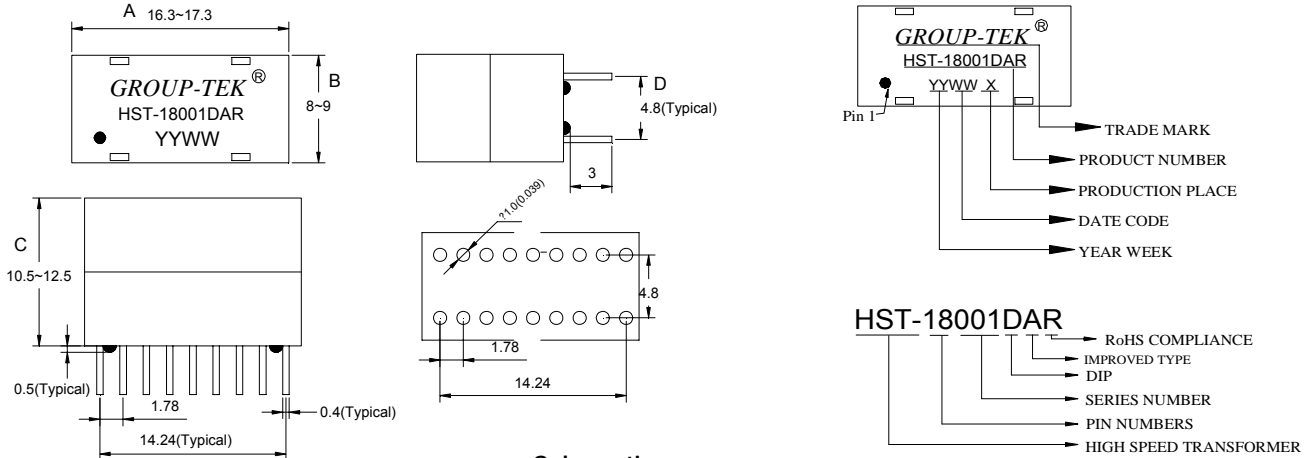
Features:



- Designed to meet IEEE 802.3 requirements.
- Non-PoE product.
- Primary inductance(Lp)350uH min.@100KHz,0.1Vrms,DC 8mA
- Capacitance between windings (Cww)112pF Max(at 100kHz, 0.1V)
- Leakage Inductance (LL) 0.5uH Max (at 100kHz, 0.1V)
- DCR Pri0.9Ω Max Sec1.2Ω Max.
- Balance Inductance (BL) 1uH Max (at 100kHz, 0.1V).
- Operating Temperature 0°C to +70°C, 10%~90%RH .
- RoHS compliance

Electrical Specification@25°C Operating Temperature 0 to +70°C											
Part NO	Insertion loss (dB max)MHz	Return loss (dB MIN @ 100Ω.) MHz					Common Mode Rejection (dB MIN) MHz	Crosstalk (dB MIN) MHz			Hipot (Vrms MIN)
		1-100	1-30	40	60	80		100	1-100	30	
HST-18001DAR	-1	-18	-18	-14.5	-12	-10.1	-30	-40	-35	-30	1500VAC/1mA/60S

Dimension:mm(inch),Unless otherwise specified , all tolerance are±0.25(0.01)



Schematic:

