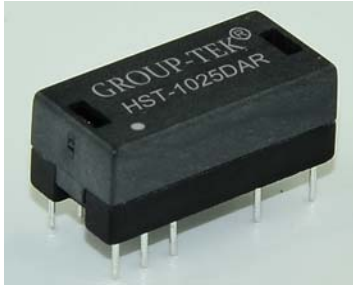


10/100BASE-TX TRANSFORMER MODULES For Auto MDI/MDIX Applications



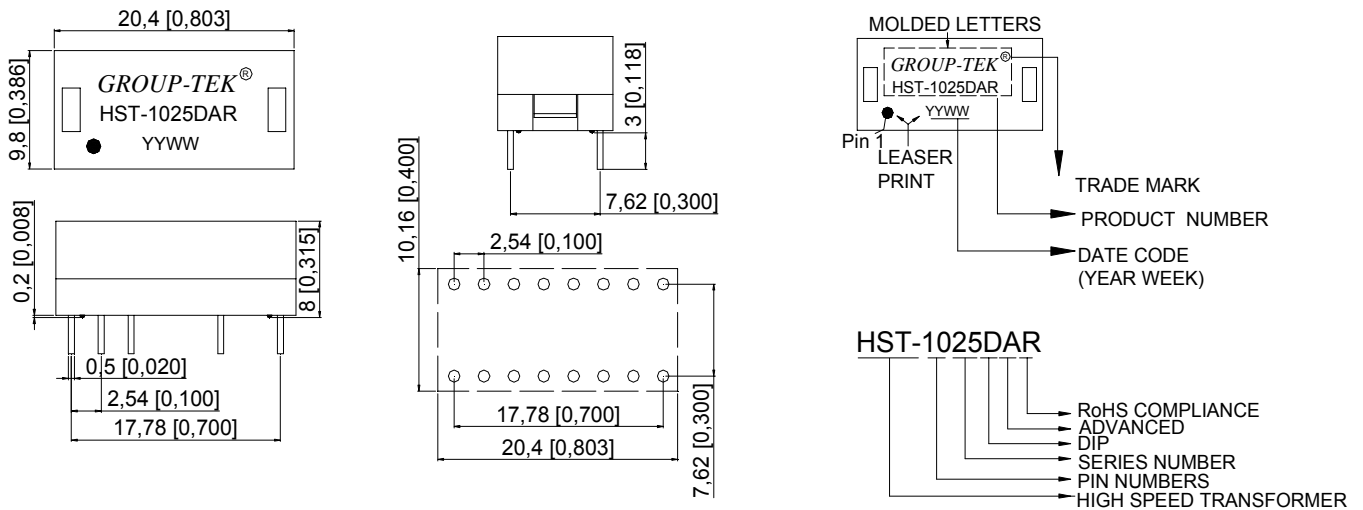
Features:

- Designed to meet IEEE 802.3 requirements.
- Primary inductance(Lp)350uH min.@ 100KHz,0.1Vrms,DC 8mA .
- LL:0.5uH Max @100KHz, 0.1V
- Cww:75pF Max@100KHz, 0.1V
- Primary DCR:0.9ΩMax;Secondary DCR:1.2ΩMax.
- BL Balance ≤1uH.
- Operating Temperature 0°C to +70°C, 10%~90%RH .
- RoHS compliance.

Electrical Specification@25°C

Part NO	Turn Ratio RX&TX	Insertion Loss (dB Max) MHz	Return Loss (dB Min) MHz				CMRR (dB Min) MHz	Crosstalk (dB Min) MHz			Isolation Voltage (Vrms)
			1-100	1-30	40	60		80	100	30	
HST-1025DAR	1CT:1CT 1CT:1CT	-1.0	-18	-15.5	-12	-12	-30	-40	-35	-30	1500VAC/1mA/60s

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



Schematic:

