

10/100BASE-TX TRANSFORMER MODULES

For Auto MDI/MDIX Applications

Features:

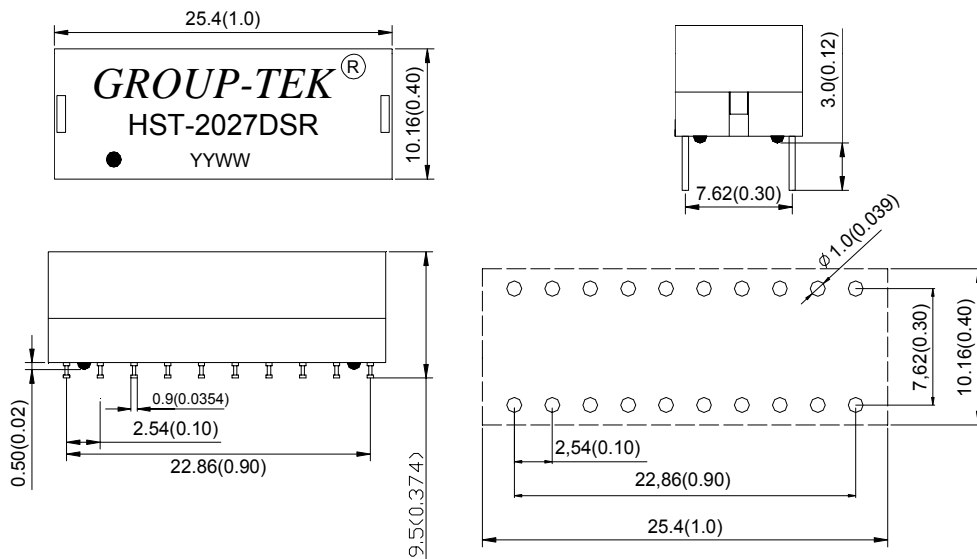


- Designed to meet IEEE 802.3 requirements.
- Non-PoE Product.
- Primary inductance(Lp)350uH min.@ 100KHz,0.1Vrms,DC 8mA .
- LL:0.5uH Max @100KHz, 0.1V
- Cww:75pF Max@100KHz, 0.1V
- Primary DCR:0.9ΩMax;Secondary DCR:1.2ΩMax.
- Storage Temperature -25°C to +125°C.
- RoHS compliance and design for IR Reflow up to 260°C.

Specifications at 25°C. Operating temperature 0°C to +70°C

Part NO	Turn Ratio RX.TX	Insertion Loss (dB max) 0.1-100MHz	Return Loss (dB min) MHz				CMRR (dB typ.) MHz		Crosstalk (dB min .) MHz				CDMR (dB min) MHz			Isolation Voltage (Vrms)
			2-30	40	50	60-80	1-60	60-200	0.1	30	60	100	1	60	100	
HST-2027DSR	1CT:1CT	-1.0	-18	-14.4	-13.1	-12	-37	-25	-55	-45	-40	-33	-45	-40	-35	1500VAC/1mA/60S

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



Schematic:

