

10/100BASE-TX TRANSFORMER MODULES



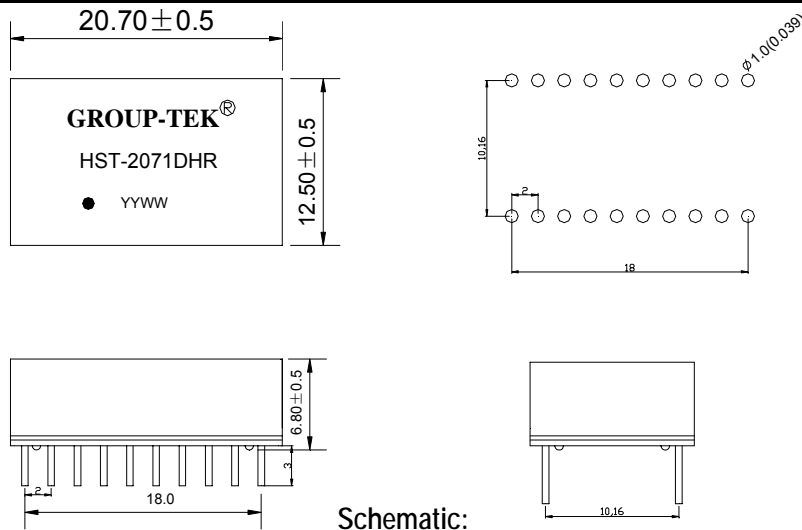
Features:

- 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.
- Storage Temperature -25°C to +125°C.
- RoHS compliance.

Specifications at 25°C. Operating temperature 0-70°C

| Part NO | Turn Ratio RX.TX | Insertion Loss (dB max) 0.1-100MHz | Return Loss(dB min .) MHz | | | | DCMR (dB typ.) MHz | Crosstalk (dB min .) MHz | | | Isolation Voltage (Vrms) |
|-------------|---------------------|---|------------------------------|-------|-------|-------|--------------------------|--------------------------------|-----|-----|--------------------------------|
| | | | 0.5-30 | 40 | 50 | 60-80 | | 0.1~30 | 60 | 100 | |
| HST-2071DHR | 1CT:1CT 1CT:1CT | -1.1 | -18 | -14.4 | -13.1 | -12 | -30 | -40 | -35 | -30 | 6000VDC 1mA 6S |

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



Schematic:

