

### 10/100 BASE -TX TRANSFORMER MODULES

#### Features:

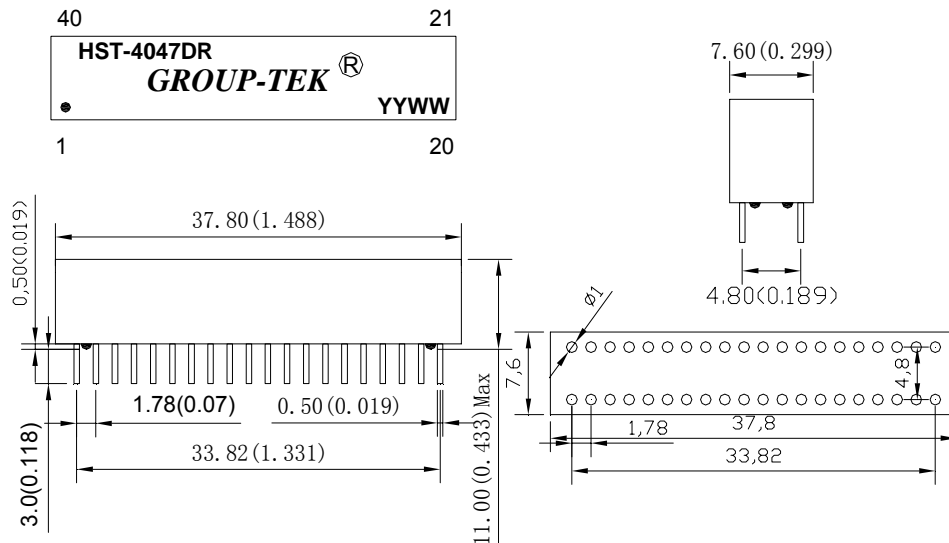


- Symmetrical TX and RX channels for auto MDI/MDIX capability.
- Approved for use with Broadcom BCM5226/BCM5228 and Level One LXT9784.
- Primary inductance(Lp)350uH min.@ 100KHz,0.1Vrms,DC 8mA .
- LL:0.5uH Max @100KHz, 0.1V
- Cww:75pF Max@100KHz, 0.1V
- Primary DCR:0.9ΩMax;Secondary DCR:1.2ΩMax.
- RoHS compliance.
- Storage Temperature -25°C to +125°C.

#### Electrical Specification@25°C Operating Temperature 0 to +70°C

Part No.	Turn Ratio TX &RX.	Insertion loss (dB max) MHz	Return loss (dB Min .) MHz				CMRR (dB Min) MHz		Crosstalk (dB Min .) MHz				Isolation Volage (Vrms)
			0.1-100	2-30	40	50	60-80	1-60	60-200	1	30	60	
HST-4047DR	1CT:1CT&1CT:1CT	-1.0	-18	-14.4	-13.1	-12	-35	-25	-45	-40	-35	-30	1500VAC/1mA/60S

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



#### Schematic:

