

1000BASE-T MAGNETICS MODULES

Features:

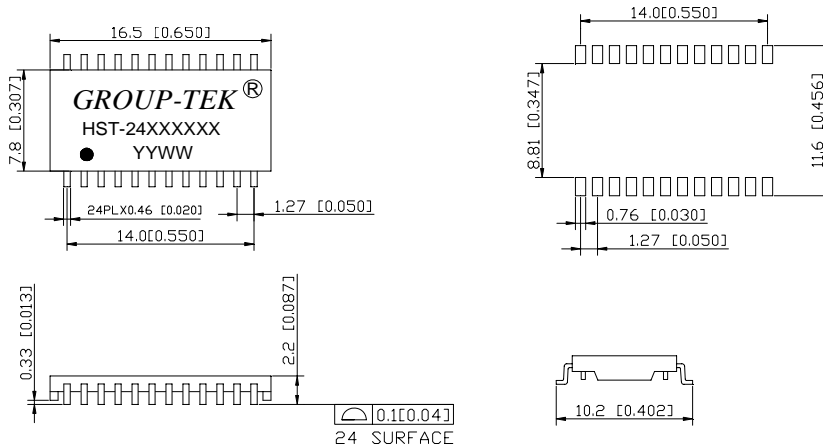


- Designed for Long-haul Gigabit Ethernet 1000Base-T applications
- Smallest footprint to minimize board space
- Compliant with IEEE 802.3 standard
- Designed for reflow soldering at temperatures up to 260°C.
- Storage Temperature -25°C to +125°C.
- RoHS compliance.

Electrical Specifications @25°C

Part NO	Turn Ratio TX &RX. (±5%)	PoE or Non PoE	Operating Temperature	Insertion Loss (dB max)	Return Loss (dB min .)				DCMR(dB min.)			Crosstalk (dB min .)			Isolation Voltage (Vrms)
					1~100MHz	1-30MHz	40-50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	
HST-24022SCR	1CT:1CT	Non PoE	0°C to +70°C	-1	-18	-16	-12	-10	-43	-37	-33	-45	-40	-35	1500VAC/1mA/60S
HST-24022SXCR	1CT:1CT	Non PoE	-40°C to +85°C	-1	-18	-16	-12	-10	-43	-37	-33	-45	-40	-35	1500VAC/1mA/60S

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



Schematic:HST-24022SCR/HST-24022SXCR

