

# 10G BASE-T MAGNETICS MODULES

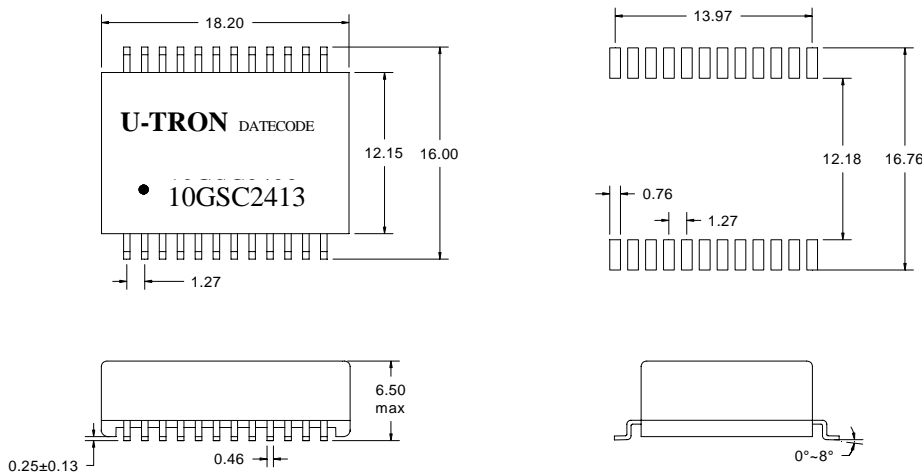


- Compliant with IEEE802.3an standard .
- 10GBASE-T ethernet discrete transformer.
- RoHS and Halogen Free compliant.
- Operating temperature range: -40°C to +85°C.



Electrical Specifications @25°C							
Part Number	Turns Ratio Pri/Sec ±5%	OCL(uH min) @100KHz,0.1V	Return Loss (dB MIN)		Hi-Pot (Vrms)		
			1-40MHz	40-500MHz			
10GSC2413	1CT:1CT	120	-18	-17+10log <sub>10</sub> (f/100 MHz)	1500		
continued							
Part Number	Insertion Loss (dB MAX)			Crosstalk (dB MIN)		CDMR (dB MIN)	
	1-200MHz	400MHz	500MHz	1-100MHz	100-500MHz	1-250MHz	250-500MHz
10GSC2413	-1.5	-2.0	-3.0	-28	-19	-30	-22

## Mechanical



Dimensions: mm Unless otherwise specified, all tolerances are ± 0.25.

## Schematic

