

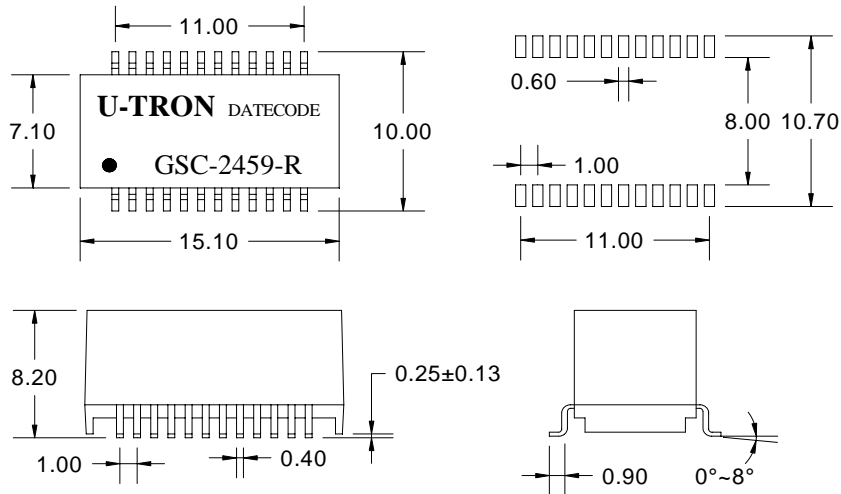
100/1000BASE-T TRANSFORMER MODULES



- Designed for Ethernet 100/1000BASE-T, full duplex applications.
- IEEE 802.3ab(Long Haul Gigabit) Compatible.
- 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(μH min) @100KHz,0.2V with 8mA DC Bias	Crosstalk (dB MIN)			Hi-Pot (DC)			
			30MHz	60MHz	100MHz				
GSC-2459-R	1CT:1CT	350	-45	-40	-35	6500V			
continued									
Part Number	Insertion Loss (dB MAX)	Return Loss (dB MIN)					CMRR (dB MIN)		
		1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz
GSC-2459-R	-1.0	-18	-14.4	-13.1	-12	-10	-40	-35	-30

Mechanical



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

Schematic

