

1000 BASE PCMCIA PULSE TRANSFORMER

P/N:UE-GS5019PM LF



Feature



- Designed for long haul gigabit Ethernet 100/1000 Base-T, full duplex applications.
- Low profile package 2.39mm for PC card.
- Support 4 pairs of category 5 UTP cable.
- Compliant with IEEE 802.3ab standard for 1000 Base-T.
- Comply with RoHS requirements-whole part No Cd, No Hg, No Cr6+, No PBB and PBDE and No Pb on external pins.
- Comply with Air reflow profile of JEDEC 020-C.
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -40°C to +125°C

Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%) TX/RX	OCL (uH Min) @100KHz/0.1V with 8mA DC Bias	Cross talk Attenuation (dB Min)				DCMR (dB Min)			
			1MHz	30MHz	60MHz	100MHz	2MHz	30MHz	60MHz	100MHz
UE-GS5019PM LF	1CT: 1	350	-50	-43.5	-37.5	-33	-50	-43	-37	-33

Continue

Part Number	Insertion Loss (dB Max)			Return Loss (dB Min)@ Load 100Ω					HI-POT (Vrms)
	0.3-60MHz	100MHz	125MHz	5-30MHz	40MHz	50MHz	60-80MHz	100MHz	
UE-GS5019PM LF	-1.0	-1.0	-2.0	-18.0	-14.4	-13.1	-12.0	-10.0	1500

Schematic

Mechanical

