

1000 BASE PCMCIA PULSE TRANSFORMER

P/N:GS5019P

Page1/1

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 5UTP cable.
- Compliant with IEEE 802.3ab standard for 1000 Base-T.
- Operating temperature range :0°C to +70°C.
- Storage temperature range:-25°C to +125°C.

Electrical Specifications @ 25°C

Part Number	OCL (μH Min) @ 100KHz/0.1Vrms with 8mA/ DC Bias	Cross talk Attenuation (dB Min)				DCMR (dB Min)			
		1MHz	30MHz	60MHz	100MHz	2MHz	30MHz	60MHz	100MHz
GS5019P	350	-50	-43.5	-37.5	-33	-50	-43	-37	-33

Continue

Part Number	Voltage Isolation (Vrms)	Insertion Loss (dB Max)			Return Loss (dB Min) @ 100±15%Ω				
		0.3-60MHz	100MHz	125MHz	5-30MHz	40MHz	50MHz	60-80MHz	100MHz
GS5019P	1500	-1.0	-1.0	-2.0	-18.0	-14.4	-13.1	-12.0	-10.0

Schematic

Mechanical

