

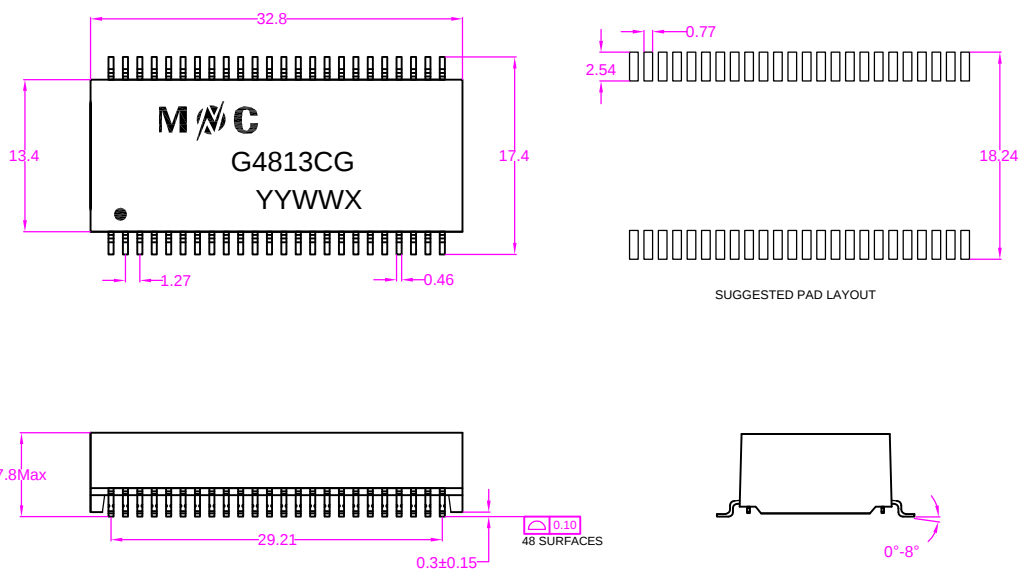
- Meets IEEE 802.3at & ANSI X3.263 Standards.
- Suitable For End-span and Mid-span PoE+ Applications.
- 10/100/1000 Base-T, Surface Mount Type, Open Header.
- 720mA Current Capability Per POE Port.
- RoHS Compliant.
- Operating temperature range: 0°C to +70°C.



Electrical Specifications @25 °C

Part Number	OCL(uH Min) @100KHz, 0.1V With 21mA DC Bias@25°C	Return Loss (dB Min) (Z OUT = 100 OHM ±15%)		Cross talk (dB Min)		REJECTION RATIO COMMON MODE (dB Min)	
		1-40MHz	40.1-100MHz	1MHz	10-100MHz	2MHz	30-200MHz
G4813CG	350	-16	-10+20*log(f/80)	-50	-55+22*log(f/10)	-50	-15+20*log(f/200)
	Continue						
	Turns Ratio (±2%)	Insertion Loss (dB Max)		DC RESISTANCE BALANCE		C _W (pF TYP)	HI-POT (Vrms)
		100KHz	1-125MHz	±.05 OHMS Max		1MHz	
	1CT:1CT	-1.2	-0.2-0.002*f~1.4	CENTER TAP SYMMETRY		25	1500

MECHANICAL



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS

