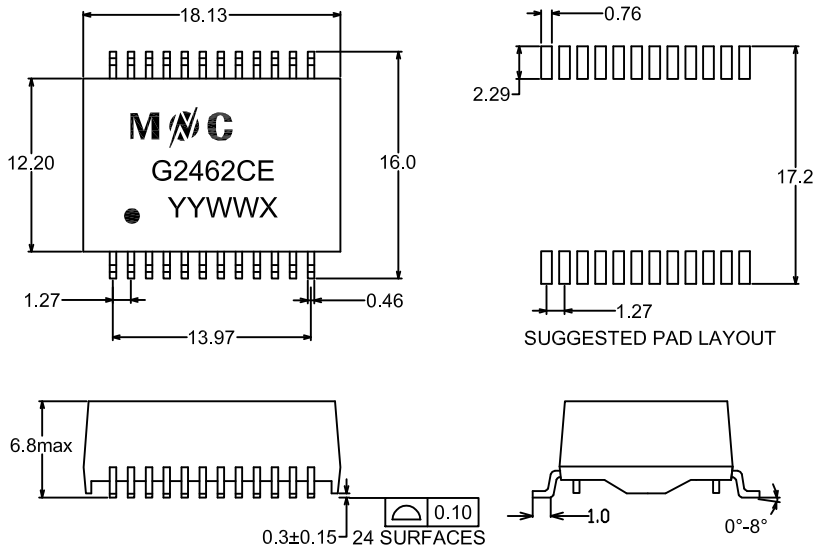


- Meets IEEE 802.3ab Standards.
- 10/100/1000 Base-T, Surface Mount Type, Open Header .
- RoHS Compliant.
- Operating temperature range: -40 °C to +85 °C.
- 750mA Current Capability Per POE Port / Two-pair.



Electrical Specifications @25°C							
Part Number	OCL(μH Min) @100KHz, 0.1V	Return Loss (dB Min) Z OUT = 100 OHM±15%		Cross talk (dB Min)		REJECTION RATIO COMMON MODE (dB Min)	
	With 21mA DC Bias@25°C	1-40MHz	40.1-100MHz	1MHz	10-100MHz	30-200MHz	
G2462CE	350	-16	-10+20*log(f/80)	-50	-55+22*log(f/10)	-30	
	Continue						
	OCL(μH Min) @100KHz, 0.1V	Turns Ratio (±2%)	Insertion Loss (dB Max)		DC RESISTANCE BALANCE	C <sub>sw</sub> (pF TYP)	HI-POT (Vrms)
	With 21mA DC Bias @-40°C&+85°C		100KHz	1-125MHz	±.05 OHMS MAX	100 KHz, 0.2v	
	300	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

