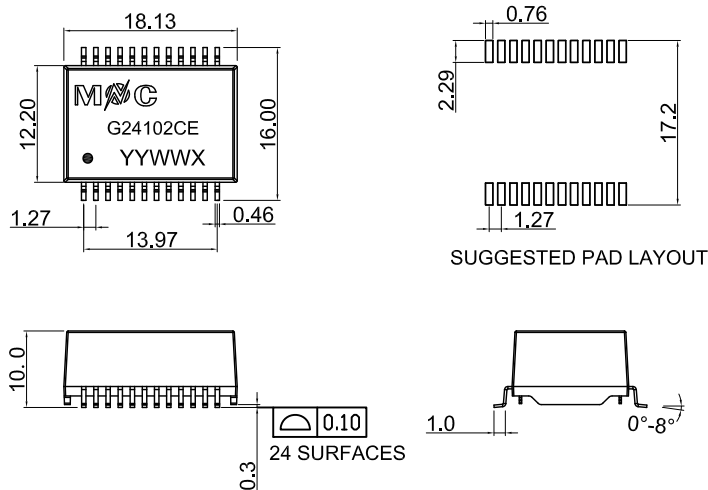


- Meets IEEE 802.3ab Standards.
- Suitable For End-span and Mid-span PoE+ Applications.
- 10/100/1000 Base-T, Surface Mount Type, Open Header .
- 1150mA Current Capability Per POE Port / Two-pair.
- RoHS Compliant.
- Operating temperature range: -40 °C to +85 °C.



Electrical Specifications @25 °C								
Part Number	OCL(uH Min) @100KHz, 0.1V	Return Loss (dB Min) Z OUT = 100 OHM±15%		Cross talk (dB Min)		REJECTION RATIO COMMON MODE (dB Min)		
	With 35mA DC Bias @-40°C&+85°C	1-40MHz	40.1-100MHz	1MHz	10-100MHz	2MHz	30-200MHz	
G24102CE-Z	135	-16	-10+20*log(f/80)	-50	-55+22*log(f/10)	-50	-15+20*log(f/200)	
	Continue							
	OCL(uH Min) @100KHz,0.1V	Turns Ratio (±2%)	Insertion Loss (dB Max)		DC RESISTANCE BALANCE	C <sub>sw</sub> (pF TYP)	HI-POT (Vrms)	
	With 25mA DC Bias @-40°C&+85°C		100KHz	1-125MHz				±.05 OHMS MAX
350	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

