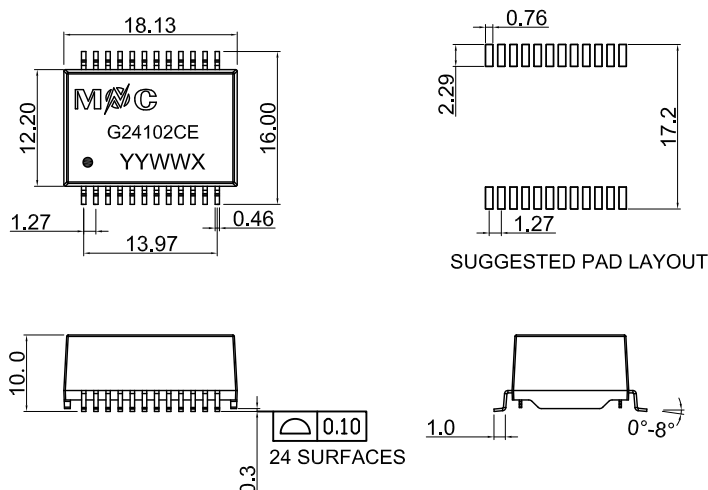


- Meets IEEE 802.3ab Standards.
- Suitable For End-span and Mid-span PoE+ Applications.
- 10/100/1000 Base-T, Surface Mount Type, Open Header.
- 1150mA Current Capability Per POE Port / Two-pair.
- RoHS Compliant.
- Operating temperature range: -40 °C to +85 °C.



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	Cww (pF TYP)	HI-POT (Vrms)
	With 25mA DC Bias @-40°C&+85°C		100KHz	1-125MHz	±.05 OHMS MAX	100 KHz, 0.2v	
	350	1CT:1CT	-1.2	-0.2-0.002*f^1.4	CENTER TAP SYMMETRY	25	1500

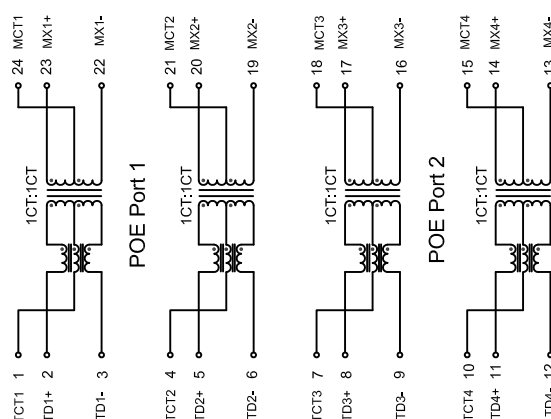
MECHANICAL



Unless otherwise specified all tolerances are:±0.25 in mm

SCHEMATICS

LINE SIDE



CHIP SIDE