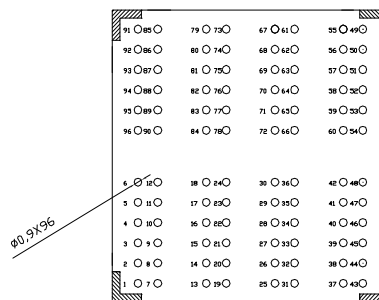
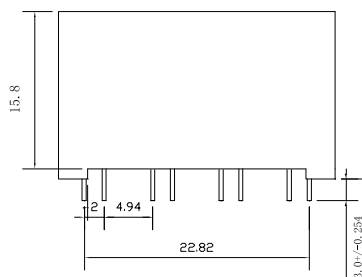
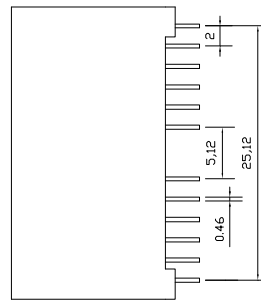
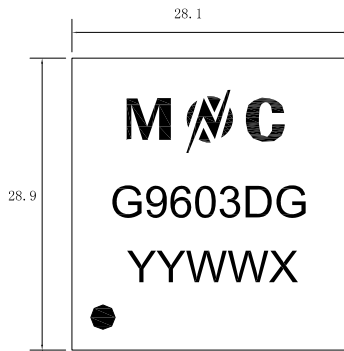


- Meets IEEE 802.3ab Standards.
- 10/100/1000 Base-T, Through-Hole Type .
- 850mA Current Capability Per POE Port/ Two-pair.
- RoHS Compliant.
- Operating temperature range: 0°C to +70°C.



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 25mA DC Bias@25°C	1-40MHz	40.1-100MHz	1MHz	10-100MHz	2MHz	30-200MHz
	300	-16	-10+20*log(f/80)	-50	-55+22*log(f/10)	-50	-15+20*log(f/200)
<b>Continue</b>							
G9603DG	Turns Ratio (±2%)	Insertion Loss (dB Max)		DC RESISTANCE BALANCE		C <sub>ww</sub> (pF TYP)	HI-POT (Vrms)
		100KHz	1-125MHz	±.05 OHMS MAX		100KHz	
	1CT:1CT	-1.2	-0.2+0.002*f^1.4	CENTER TAP SYMMETRY		25	1500

## MECHANICAL



NO COMPONENT AREA.  
Suggested Customer PCB Layout  
(Component Side)

Unless otherwise specified all tolerances are:±0.25 in mm

**SCHEMATICS**

