

**POWER OVER ETHERNET PoE Plus MAGNETICS**  
**10/100BASE-TX VoIP Magnetics Modules**  
**MODEL NO:TA16112S1 (Bottom open)**

**FEATURE:**

RoHS Compliant  
Meet IEEE802.3at with 600 mA max current capability  
Designed to meet IR requirement

**SPECIFICATIONS: @ 25°C**

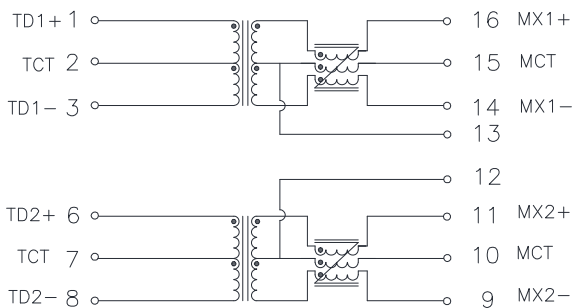
Operating Temperature. : -40°C ~ +85°C

Turns ratio : 1CT:1CT & 1CT:1CT

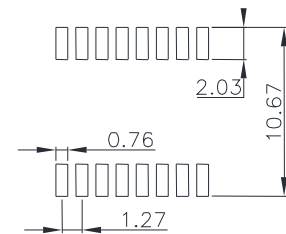
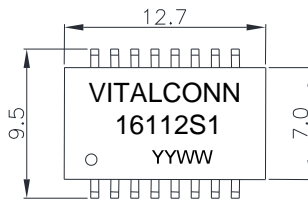
OCL : 350 uH Min. @100KHz 100 mV / with 8 mA DC Bias

Insertion Loss MHz ( dB Max )	Return Loss MHz (dB Min)				Common Mode Rejection MHz (dB Min)			Cw/w (pF Max)	DCR (Max)	HI POT (VAC)
	1~30	40	50	60~80	30	60	100			
1~100	1~30	40	50	60~80	30	60	100	25	1.2	1500
-1.0	-16	-14	-13	-12	-43	-37	-33			

**SCHEMATICS:**



**DIMENSION: mm ; TOLERANCE:±0.25**



SUGGESTED PAD LAYOUT

