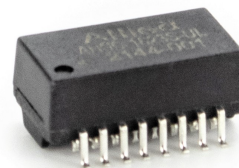




10/100 Base-T Single Port PoE Plus LAN Filter AHSC-1623S-UL

- Ethernet based LAN, WAN and other networking applications
- For PoE+ applications with 720mA current capability compliant to 802.3at
- Operating Temp: -0°C to +70°C
- Reflow condition: Peak 260°C for 5 Sec
- UL Approved, File #E520476



Electrical Specifications @ 25°C

OCL(μH Min) @ 100kHz, 0.1V	Turns Ratio (±5%)	Insertion Loss (dB Max)	Return Loss (dB Min)			
With 8mA DC Bias		0.1-100MHz	1.0-30MHz	40MHz	50MHz	60-80MHz
350	1CT:1CT	-1.0	-18	-14.4	-13.1	-12

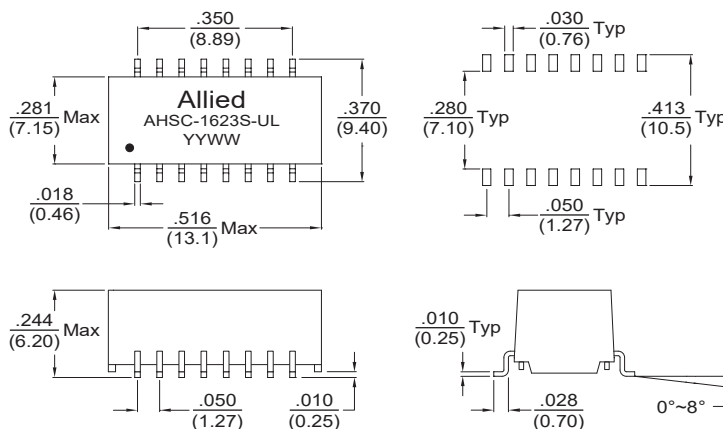
Electrical Specifications @ 25°C

Differential Common Mode Rejection (dB Min)			Cross Talk (dB Min)			Isolation HI-POT (Vrms)
30MHz	60MHz	100MHz	30MHz	60MHz	100MHz	
-40	-35	-30	-40	-35	-30	1500

All specifications subject to change without notice.

MECHANICAL

Dimensions: $\frac{\text{inch}}{\text{mm}}$



Unless otherwise specified, all tolerances are $\pm 0.010(0.25)$

SCHEMATICS

