



10/100 BASE-T SINGLE PORT SURFACE MOUNT MAGNETICS

- Meets IEEE 802.3af & ANSI X 3.263
- Surface mount, open header construction
- Many parts are PoE enabled
- Standard operating temp: 0°C to +70°C (see footnote)
- Industrial operating temp: -40°C to +85°C (see footnote)

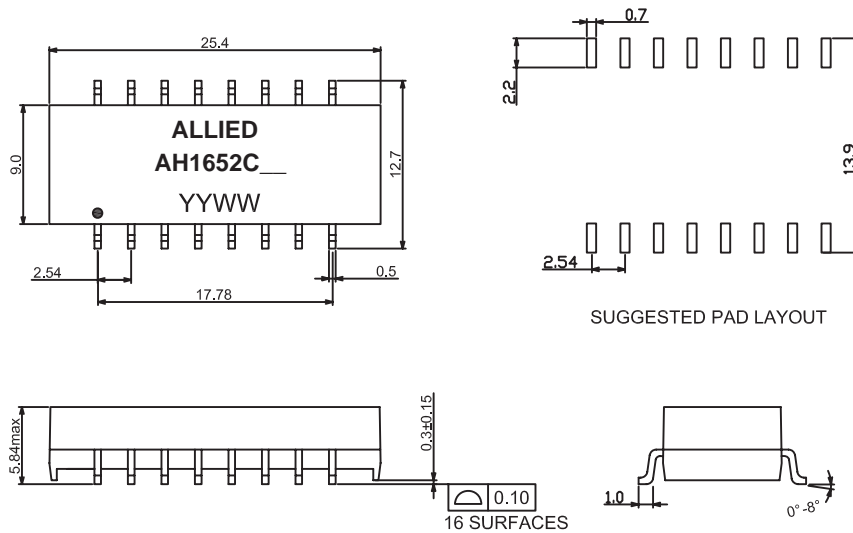
Electrical Specifications @25°C

Part Number	OCL(uH Min) @100KHz,0.2V	Turns Ratio (±3%)	Insertion Loss (dB Max)			Return Loss (dB Min)		Cross talk (dB Min)		CMMRR (dB Min)	HI-POT (Vrms)
	With 8mA DC Bias		0.5-100MHz	0.5-30MHz	30.1-60MHz	60.1-80MHz	0.5-40MHz	40.1-100MHz			
AH1652C_	350	1CT:1CT	1.1	18	18-20*log(f/30)	12	35	33-20*log(f/50)	30	1500	

*Complete part number by inserting "S" for Standard Temp or "I" for Industrial Temp.

All specifications subject to change without notice.

MECHANICAL



SUGGESTED PAD LAYOUT

Unless otherwise specified all tolerances are:±0.25 in mm

SCHEMATICS

