



10/100/1000 BASE-T DUAL PORT SURFACE MOUNT MAGNETICS

- Meets IEEE 802.3af & ANSI X 3.263
- Surface mount, closed 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

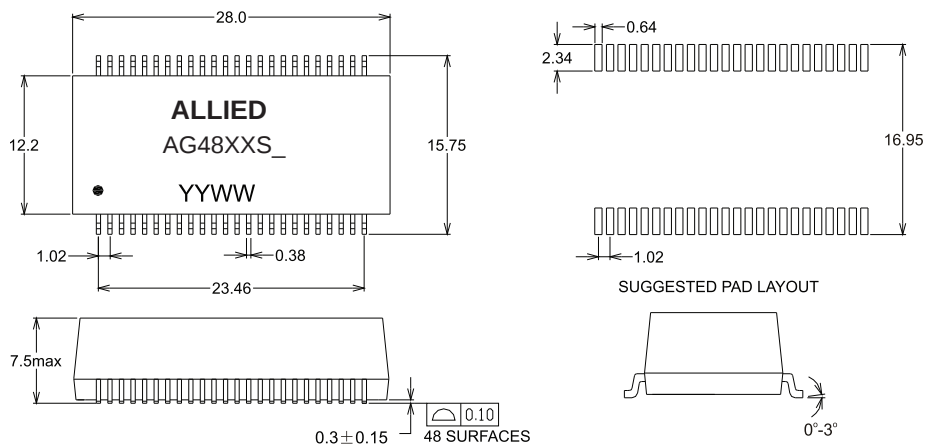
Part Number	OCL(uH Min) @100KHz,0.2V	Turns Ratio (±3%)	Insertion Loss (dB Max) 0.5-100MHz	Return Loss (dB Min)		Cross talk (dB Min)		CMMRR (dB Min)	HI-POT (Vrms)
	With 8mA DC Bias			0.5-40MHz	40.1-100MHz	0.5-40MHz	40.1-100MHz	0.5-100MHz	
AG4801S__	350	1CT:1CT	1.1	18	12-20*log(f/80)	35	33-20*log(f/50)	30	1500
AG4802S__	350	1CT:1CT	1.1	18	12-20*log(f/80)	35	33-20*log(f/50)	30	1500
AG4803S__	350	1CT:1CT	1.1	18	12-20*log(f/80)	35	33-20*log(f/50)	30	1500
AG4808S__	350	1CT:1CT	1.1	18	12-20*log(f/80)	35	33-20*log(f/50)	30	1500
AG4809S__	350	1CT:1CT	1.1	18	12-20*log(f/80)	35	33-20*log(f/50)	30	1500

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

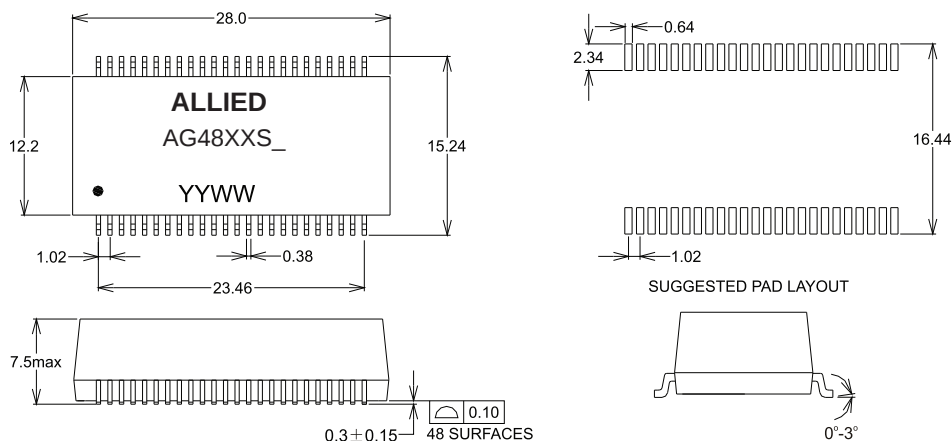
All specifications subject to change without notice.

MECHANICAL

AG4801S_, AG4802S_, AG4803S_



AG4809S_, AG4808S_

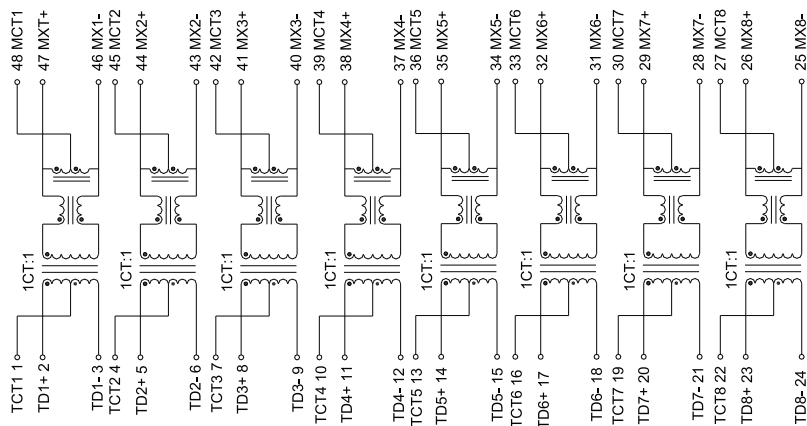


Unless otherwise specified all tolerances are: ±0.25 in mm

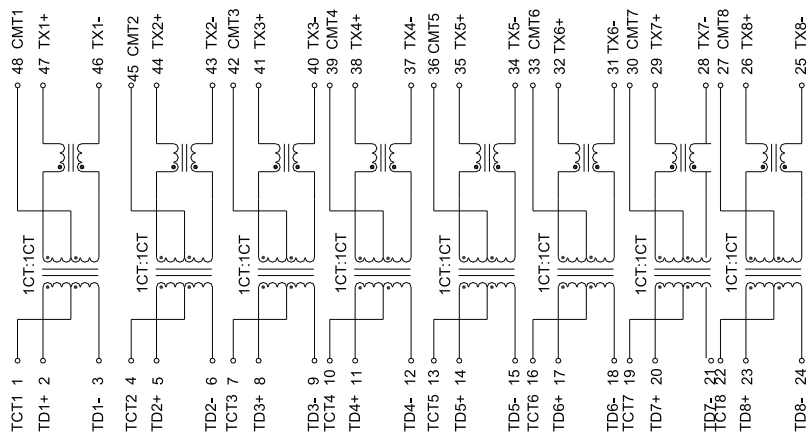


SCHEMATICS

AG4801S_, AG4809S_



AG4802S_, AG4808S_



AG4803S_

