



10/100/1000 BASE-T DUAL 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

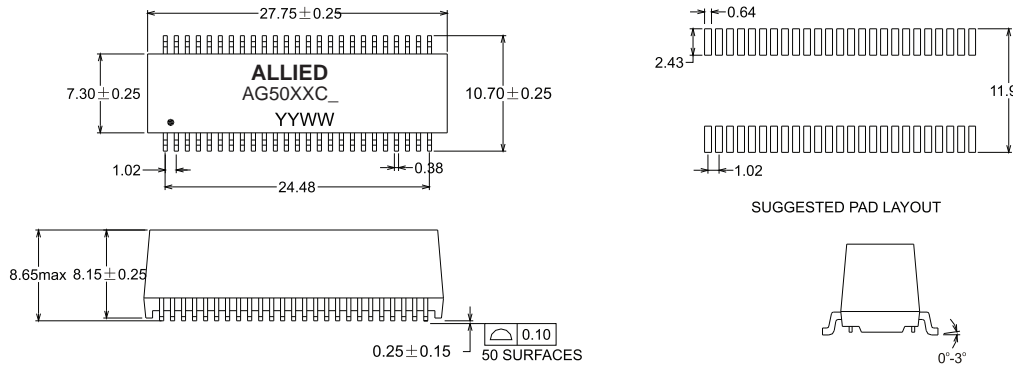
Part Number	OCL(uH Min) @100KHz,0.2V	Turns Ratio (±3%)	Insertion Loss (dB Max)	Return Loss (dB Min)		Cross talk (dB Min)		CMMRR (dB Min)	HI-POT (Vrms)
	With 8mA DC Bias		0.5-100MHz	0.5-40MHz	40.1-100MHz	0.5-40MHz	40.1-100MHz		
AG5002C_	350	1CT:1CT	1.1	18	12-20*log(f/80)		35	33-20*log(f/50)	
AG5003C_	350	1CT:1CT	1.1	18	12-20*log(f/80)		35	33-20*log(f/50)	
AG5004C_	350	1CT:1CT	1.1	18	12-20*log(f/80)		35	33-20*log(f/50)	

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

All specifications subject to change without notice.

MECHANICAL

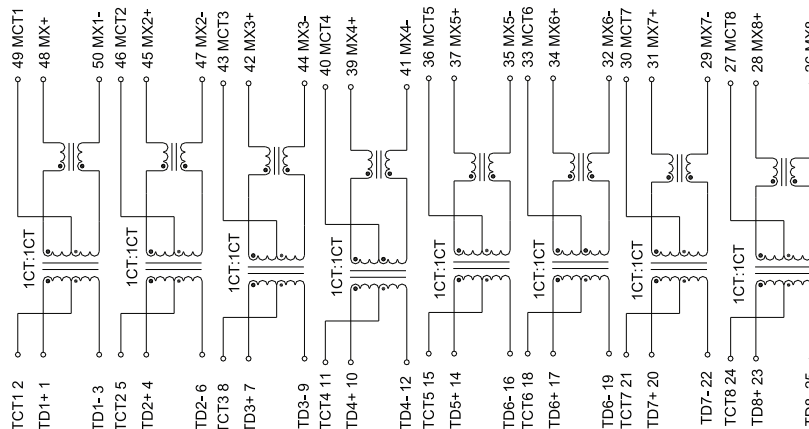
AG5002C_, AG5003C_, AG5004C_



Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS

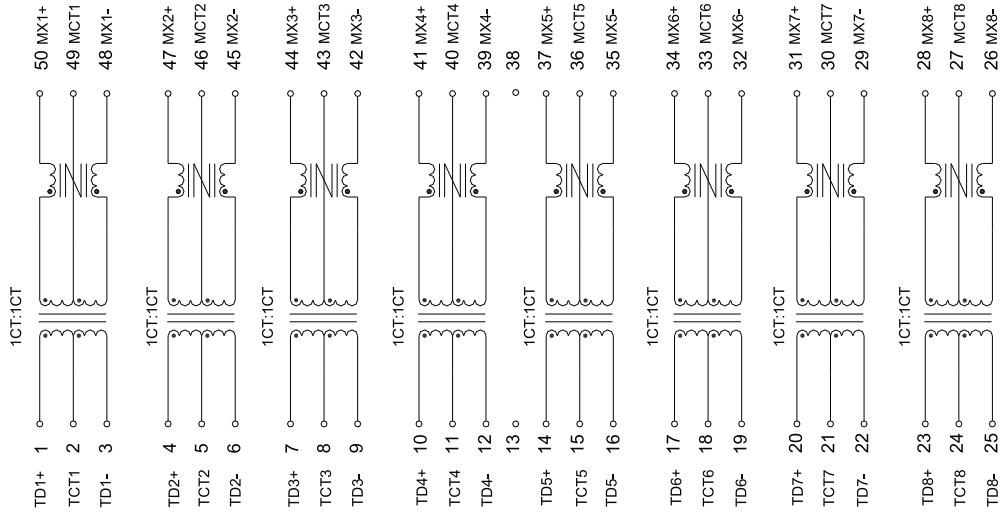
AG5002C_





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AG5003C_



AG5004C_

