



10/100 BASE-T QUAD PORT THROUGH-HOLE MAGNETICS

- Meets IEEE 802.3af & ANSI X 3.263
- Thru hole 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

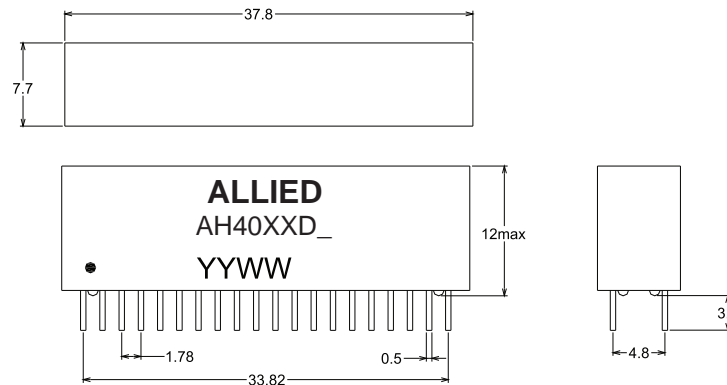
Part Number	OCL(uH Min) @100kHz,0.2V With 8mA DC Bias	Turns Ratio (±3%)	Insertion Loss		Return Loss (dB Min)			Cross talk (dB Min)		CMRR (dB Min) 0.5-100MHz	HI-POT (Vrms)
			0.5-100MHz	0.5-30MHz	30.1-60MHz	60.1-80MHz	0.5-40MHz	40.1-100MHz			
AH4001D_	350	1CT:1CT	1.1	18	18-20*log(f/30)	12	35	33-20*log(f/50)	30	1500	
AH4002D_	350	1CT:1CT	1.1	18	18-20*log(f/30)	12	35	33-20*log(f/50)	30	1500	
AH4003D_	350	1CT:1CT	1.1	18	18-20*log(f/30)	12	35	33-20*log(f/50)	30	1500	
AH4004D_	350	1CT:1CT	1.1	18	18-20*log(f/30)	12	35	33-20*log(f/50)	30	1500	
AH4005D_	350	1CT:1CT	1.1	18	18-20*log(f/30)	12	35	33-20*log(f/50)	30	1500	
AH4006D_	350	1CT:1CT	1.1	18	18-20*log(f/30)	12	35	33-20*log(f/50)	30	1500	
AH4007D_	350	1CT:1CT	1.1	18	18-20*log(f/30)	12	35	33-20*log(f/50)	30	1500	
AH4008D_	350	1CT:1CT	1.1	18	18-20*log(f/30)	12	35	33-20*log(f/50)	30	1500	
AH4009D_	350	1CT:1CT	1.1	18	18-20*log(f/30)	12	35	33-20*log(f/50)	30	1500	
AH4010D_	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.

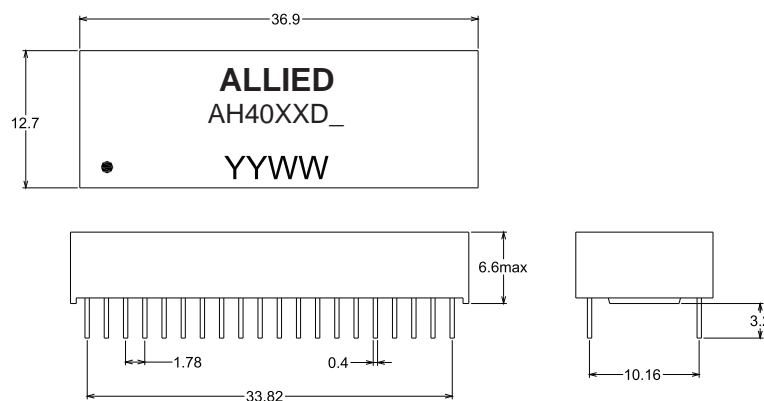
All specifications subject to change without notice.

MECHANICAL

AH4001D_, AH4005D_, AH4006D_, AH4007D_, AH4008D_



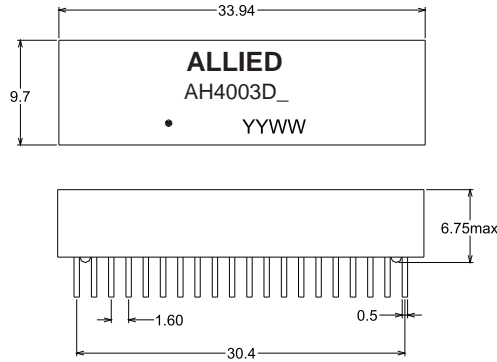
AH4002D_, AH4004D_, AH4010D_



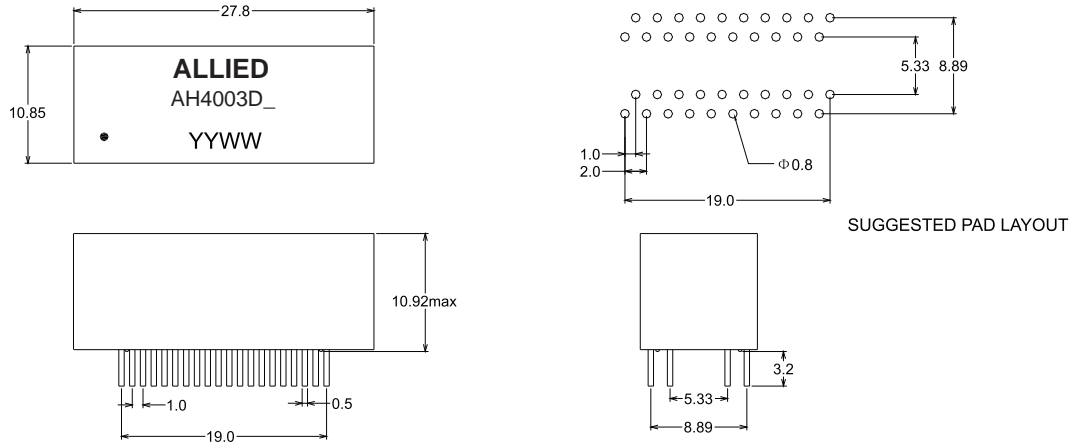


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AH4003D_



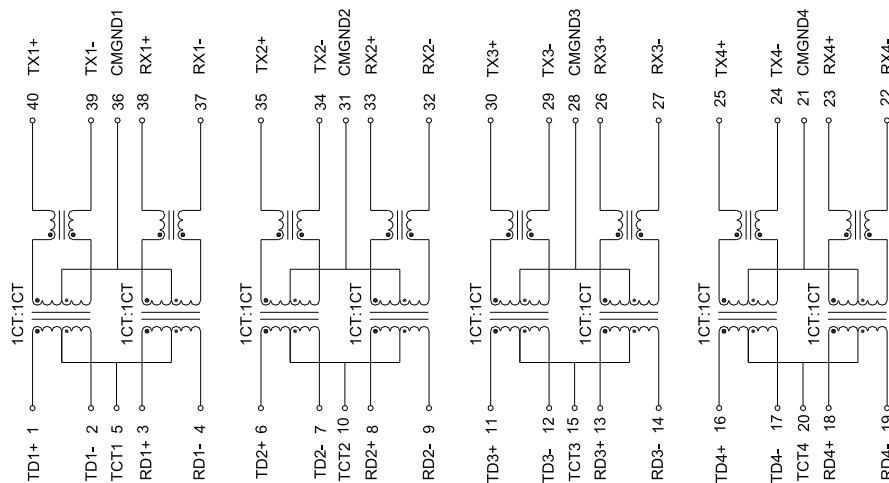
AH4009D_



Unless otherwise specified all tolerances are: ± 0.25 in mm

SCHEMATICS

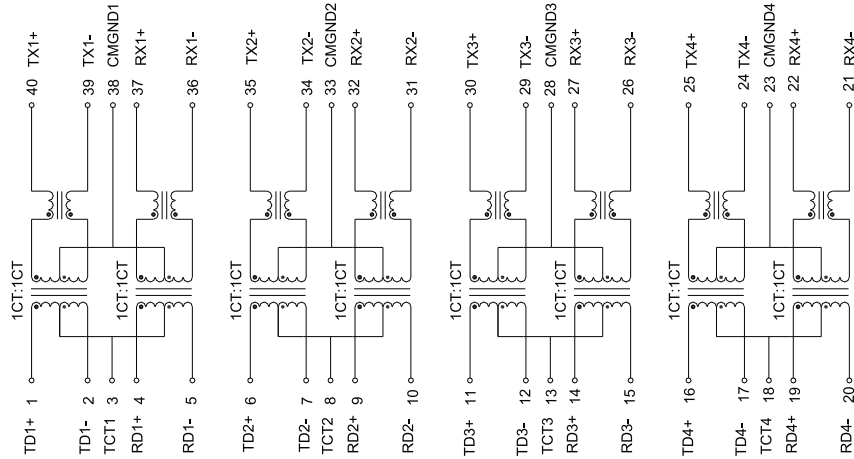
AH4001D_



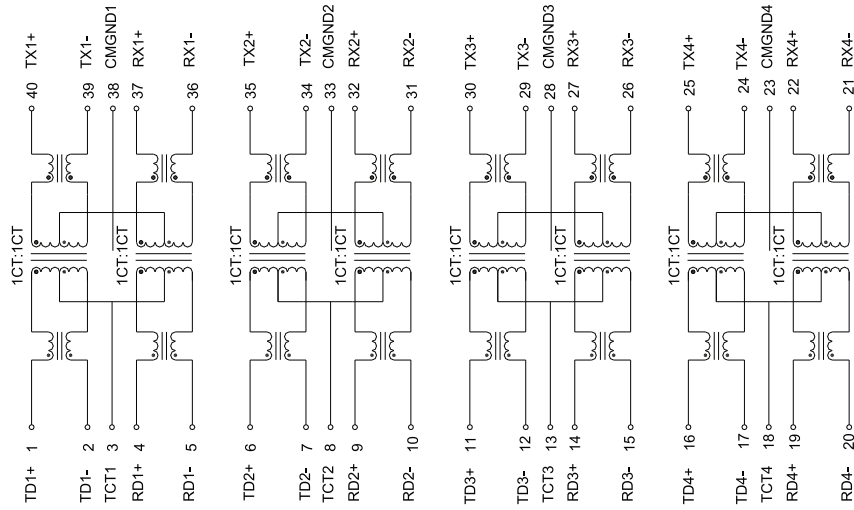


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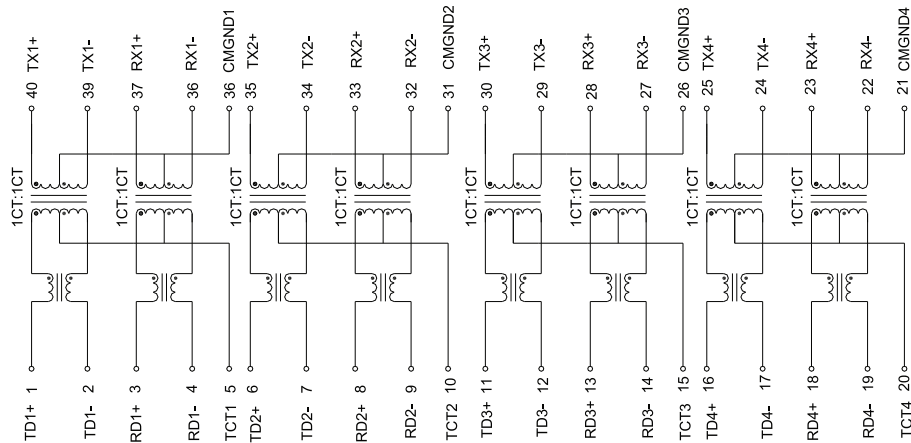
AH4002D_, AH4003D_, AH4006D_, AH4009D_



AH4004D_, AH4005D_



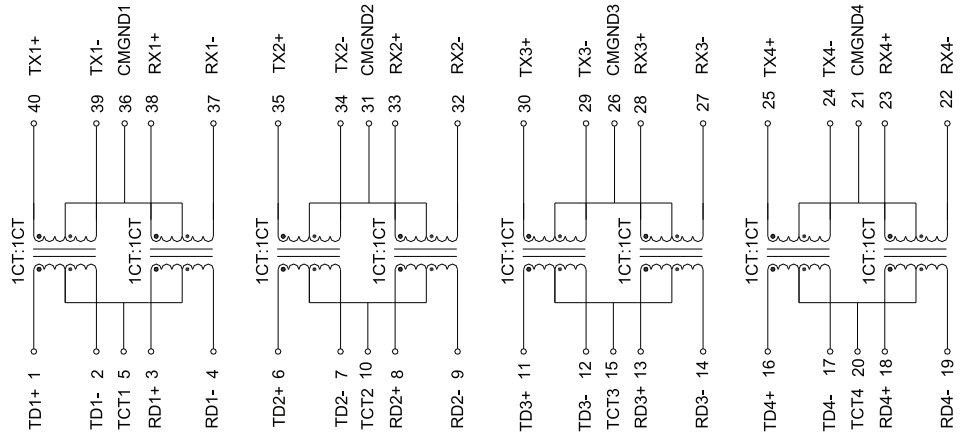
AH4007D_





10/100 BASE-T QUAD PORT THROUGH-HOLE MAGNETICS

AH4008D_



AH4010D_

