

10/100/1000 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)

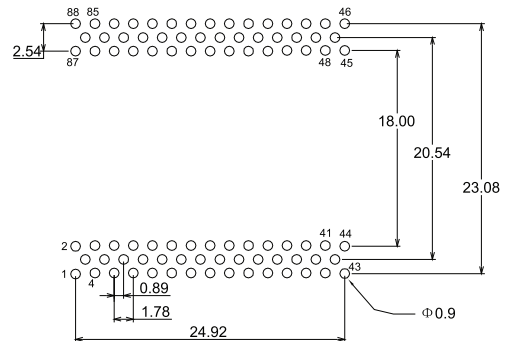
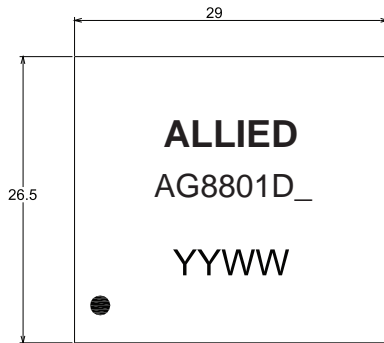
Electrical Specifications @25°C

Part Number	OCL Pri(uH Min) @100KHz,0.2V With 8mA DC Bias	Turns Ratio	Insertion Loss	Return Loss		Cross talk(dB Min)		CMRR (dB Min)	HI-POT (V _{rm})
			(dB Max)	(dB Min)	(dB Min)	(dB Min)			
AG8801D_	350	1CT:1CT	0.5-100MHz 1.1	0.5-40MHz 18	40.1-100MHz 12-20log(f/80)	0.5-40MHz 35	40.1-100MHz 33-20*log(f/50)	0.5-100MHz 30	1500

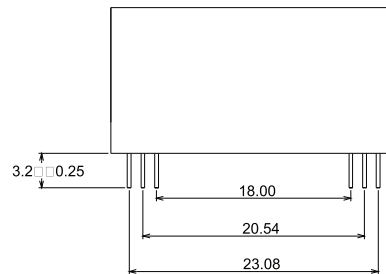
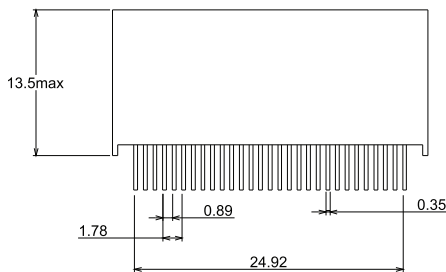
*Complete part number by inserting "S" for Standard Temp or "I" for Industrial Temp.

All specifications subject to change without notice.

MECHANICAL



SUGGESTED PAD LAYOUT



Unless otherwise specified all tolerances are: ±0.25 in mm



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SCHEMATICS

