



1000 Base-T DUAL port through hole Magnetics

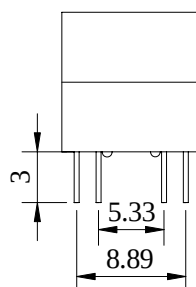
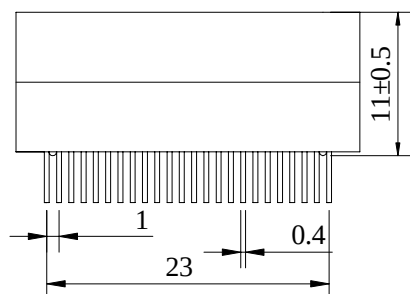
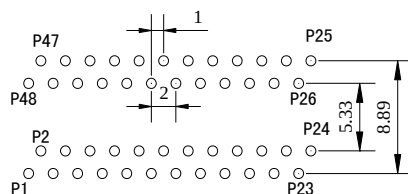


- Designed to meet IEEE802.3ab requirement
- Primary inductance 350uH min with 8mA DC Bias
- RoHS Compliant.
- Operating temperature range: 0°C to +70°C
- Storage temperature range: -25°C to +125°C

Electrical Specifications @ 25°C

Part Number	Turn Ratio		Insertion Loss 1~100Mz (dB Max)	Return Loss (dB Min)					Cross Talk (dB Min)			DCMR (dB Min)			Hi-Pot (Vrms)
	Tx	Rx		1-30 MHz	40 MHz	50 MHz	60-80 MHz	100 MHz	30 MHz	60 MHz	100 MHz	30 MHz	60 MHz	100 MHz	
QD48A01	1:1	1:1	-1.1	-18	-14.4	-13.1	-12	-10	-45	-40	-35	-40	-37	-33	1500

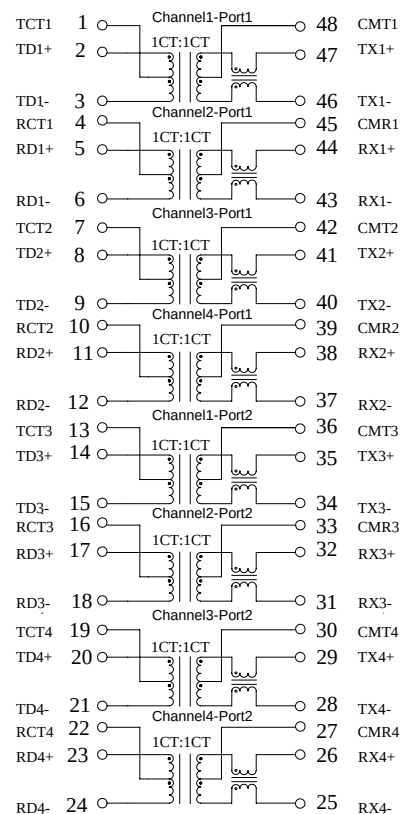
Mechanical



NOTE:

- Dimensions:mm;
- Unless otherwise specified,tolerances:±0.25(mm);

Schematic



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