





# 10/100/1000 BASE-TX QUAD PORT THROUGH-HOLE MAGNETICS

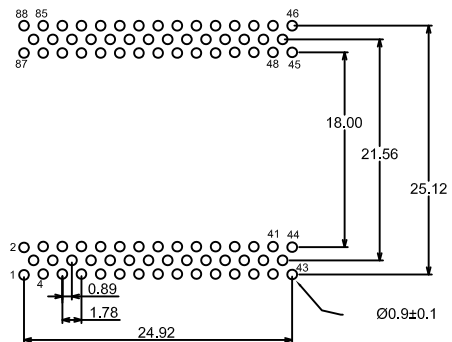
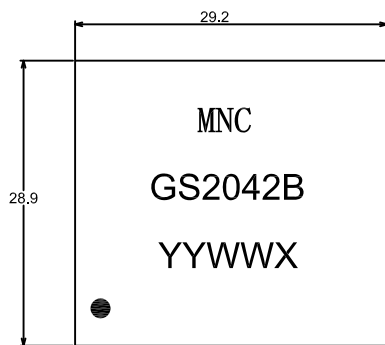
-  Meets IEEE 802.3ab Standards.
-  RoHS Compliant.
-  10/100/1000 Base-T, THROUGH-HOLE MAGNETICS .
-  Operating temperature range: 0°C to +70°C



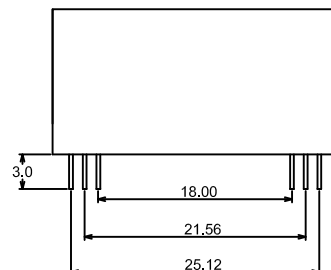
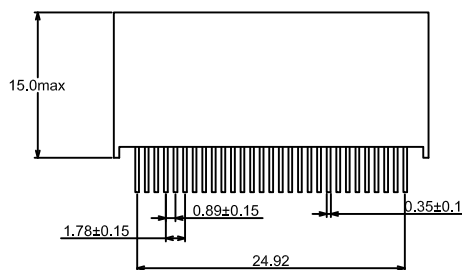
## Electrical Specifications @25°C

Part Number	OCL(uH Min) @100KHz,0.2V	Turns Ratio (±5%)	Insertion Loss (dB Max)		Return Loss (dB Min)			Cross talk (dB Min)		CMRR (dB Min) 0.5-100MHz	HI-POT (Vrms)
	With 8mA DC Bias		0.5-100MHz	0.5-30MHz	30.1-60MHz	60.1-80MHz	0.5-40MHz	40.1-100MHz			
GS2042B	350	1CT:1CT	-1.1	-18	-18+20*log(f/30)	-12	-35	-33+20*log(f/50)	-30	1500	

## MECHANICAL



SUGGESTED PAD LAYOUT



Unless otherwise specified all tolerances are:±0.5 in mm

## SCHEMATICS

