

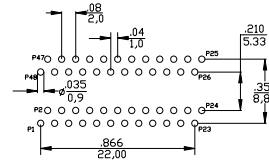
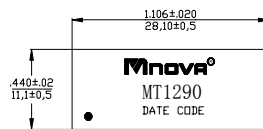
- 10/100/1000BASE TRANSFORMER
- ROHS Compliance Product
- Meets IEEE 802.3 specification
- Operating Temperature range: 0°C TO +70°C



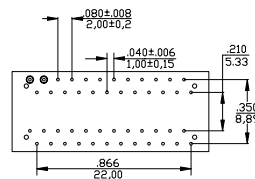
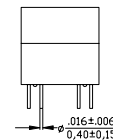
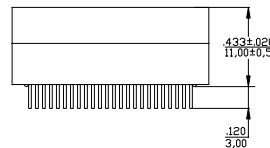
Electrical Specifications @ 25°C

P/N	T/R @ 60KHz 1V	DCR	OCL @ 100KHz 0.1V 8mA DC			LL @ 100KHz 0.1V		Hi-Pot
MT1290	1CT : 1CT±5%	all connected pins	350μH MIN			0.5μH MAX		PRI TO SEC
		1.2Ω MAX						1500V AC 1mA 6S
	IL	RL			CT			
	1~100MHz	30MHz	60MHz	80MHz	30MHz	60MHz	100MHz	
	-1.15dB MAX	-16dB MIN	-12dB MIN	-12dB MIN	-45dB MIN	-40dB MIN	-35dB MIN	
	DCMR							
	30MHz	60MHz	100MHz					
-42.0dB MIN	-37.0dB MIN	-33.0dB MIN						

DIMENSIONS (unit: inch/mm):



recommend PCB layout



note:Unless otherwise specified,all tolerances are± $\frac{.012}{0.3}$

SCHEMATICS:

