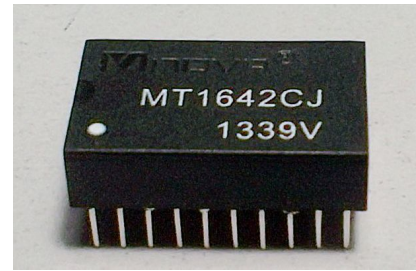


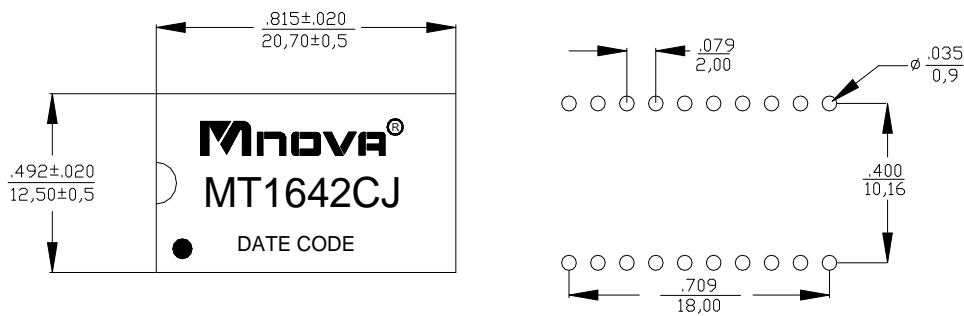
- 10/100BASE TRANSFORMER
- ROHS Compliance Product
- Meets IEEE 802.3 specification
- Operating Temperature range: 0°C TO +70°C



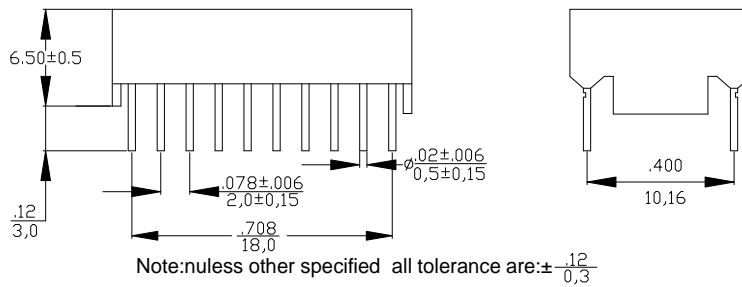
### Electrical Specifications @ 25°C

P/N	T/R @ 100KHz 0.1V	DCR	OCL @ 100KHz 0.1V 8mA DC		LL @ 100KHz 0.1V		Hi-Pot
MT1642CJ	TX&RX	all connected pins	TX&RX		TX&RX		PRI TO SEC
	1CT : 1CT±5%	1.2Ω MAX	350μH MIN		0.5μH MAX		6000V DC 1mA 6S
	<b>IL</b>	<b>RL</b>		<b>CT</b>		<b>CMRR</b>	
	0.1~100MHz	30MHz	60MHz	80MHz	1~60MHz	100MHz	1-100MHz
	-1.15dB MAX	-20dB MIN	-14dB MIN	-12dB MIN	-40dB MIN	-35dB MIN	-30dB MIN

### DIMENSIONS (unit: inch/mm):



recommend PCB layout



Note: unless other specified all tolerance are:  $\pm \frac{.12}{0,3}$

### SCHEMATICS:

