



**Feature**



- Designed to meet IEEE 802.3af requirements.
- Primary inductance(Lp)350uH min.@ 100KHz,0.1Vrms,8mA .
- Comply with ROHS & Halogen Free requirements.
- Operating temperature 0°C to 100°C
- Storage temperature -25°C to +125°C.

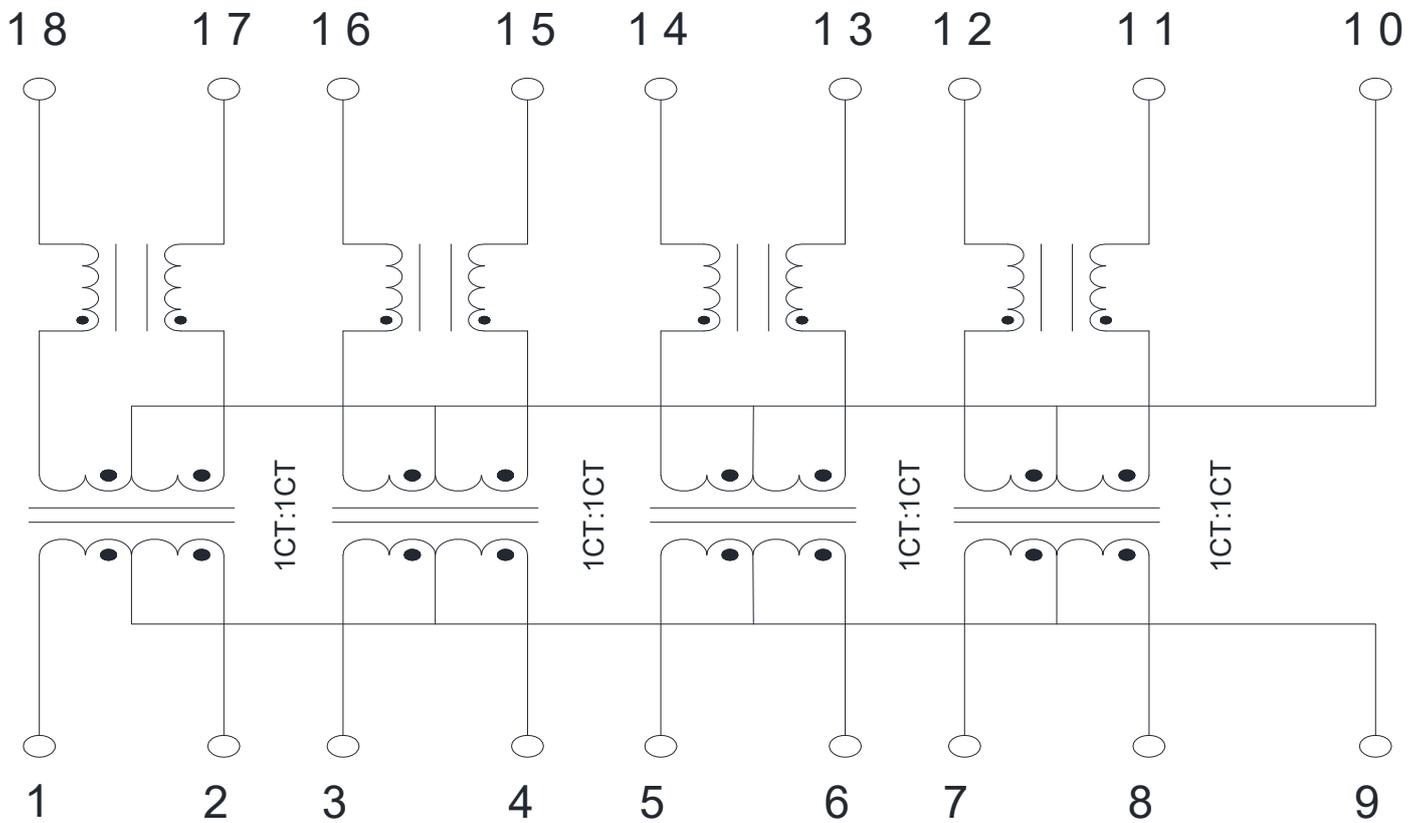
**Electrical Specifications@25°C**

Part Number	Insertion loss (dB max) 1-100MHz	OCL(uH Min) @100KHz/0.1V With 8mA DC Bias	Cw/w (pF Typ)	L.L (uH Max)	DCR (Ω Max)	DCMR (dB Min)		
						30MHz	60MHz	100MHz
ML18T02RS	-1.0	350	120	0.6	1.2	-40	-35	-30

**Continue**

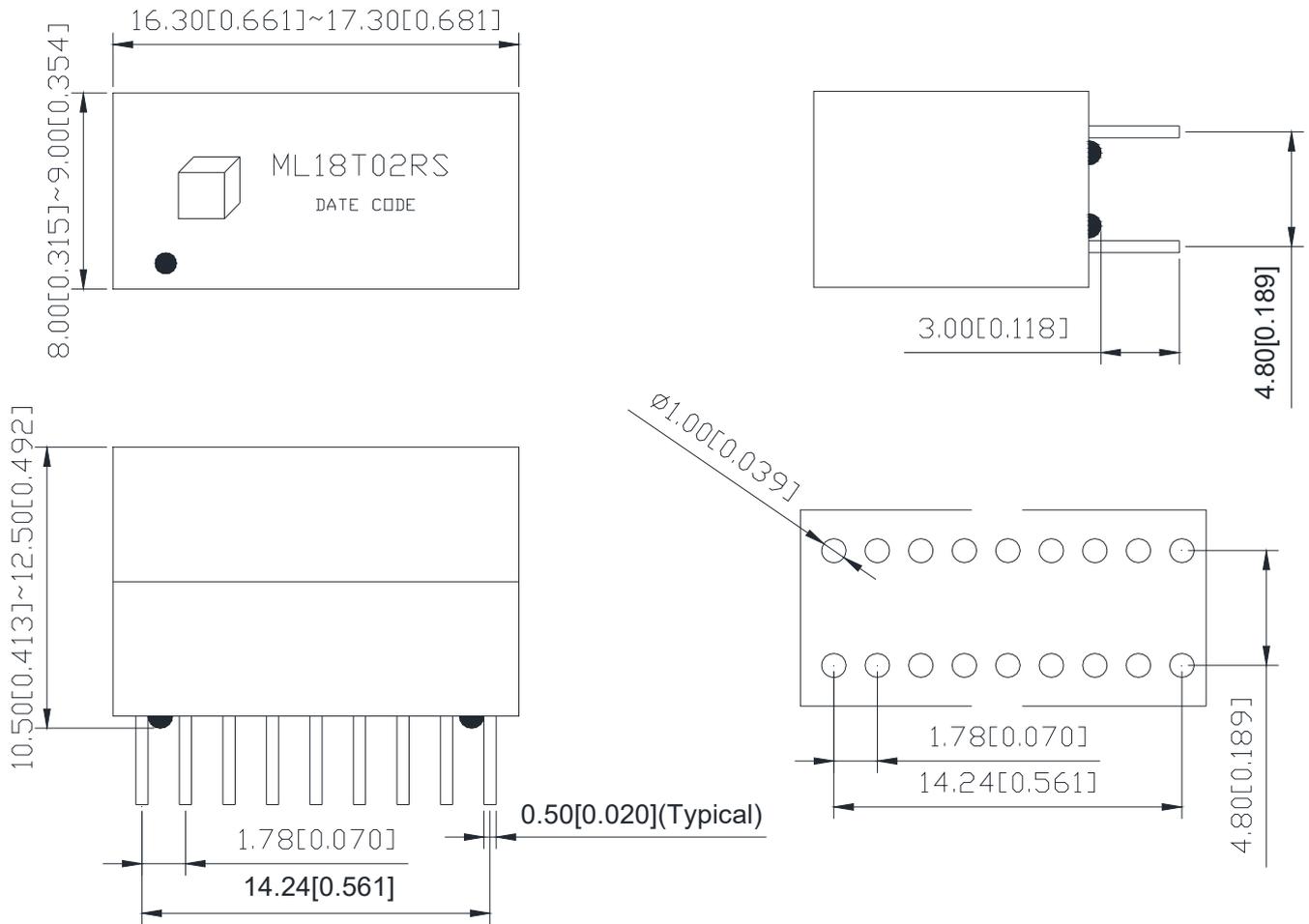
Part Number	Return Loss (dB Min)					Cross talk (dB Min)			HI-POT (Vrms)
	1-30MHz	40MHz	50MHz	60-80MHz	100MH.	30MHz	60MHz	100MHz	
ML18T02RS	-18	-14.4	-13.1	-12	-10	-45	-40	-35	1500

**Schematic**





Mechanical



Dimension:mm (inch)

Unless otherwise specified, all tolerances are  $\pm 0.25[0.1]$