

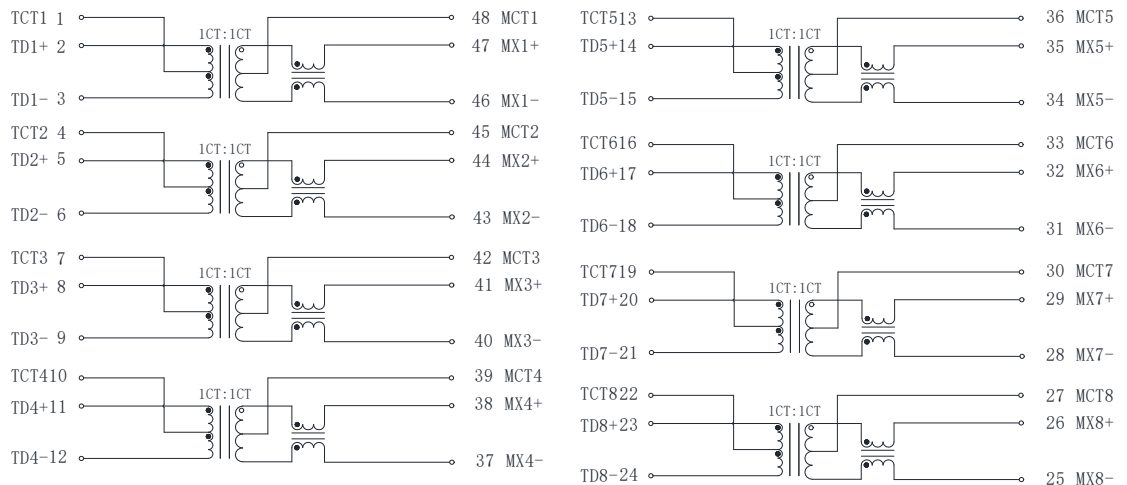
1. Feature:

- ◆ Designed To Meet IEEE 802.3ab & ANSIX3.263 Standards.
- ◆ Comply with RoHS & Halogen Free requirements.
- ◆ Operating temperature range: 0°C to + 70°C.
- ◆ Storage temperature range: 0°C to + 125°C.

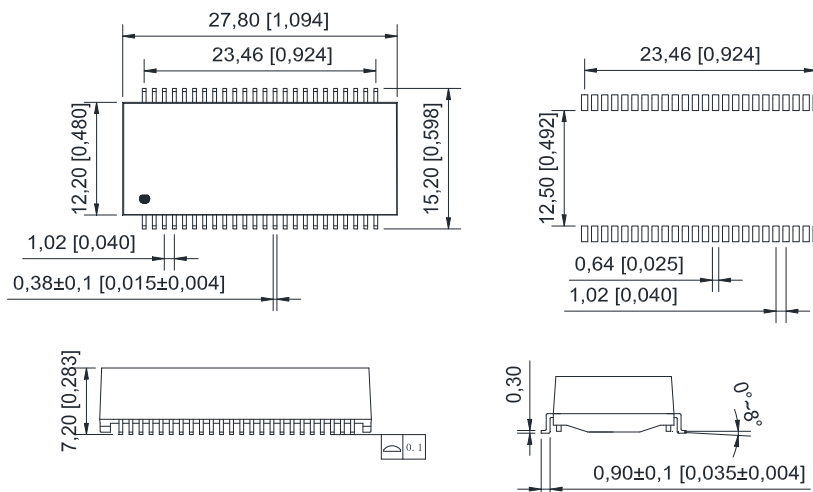
Electrical Specifications@25°C

Turn Ratio (±3%)	OCL (uH Min) @100KHz/0.1V with 8mA DC Bias	L.L(uHMax) @ 100KHz/0.1V	DCR(ΩMax)	C w/w(pF Max) @100KHz/0.1V	Cross talk dB Min			HI-POT (Vrms)
					30	60	100	
TX/TR 1CT:1CT	350uH min.	0.5	1.2	28	-40	-35	-30	1500
Insertion Loss(dB.max)		Return Loss(dB.min)			CMR(dB.mim)			
MHz		MHz			MHz			
0.5-100		0.1-30	40-50	60-80	100	30	60	100
-1.1		-18	-16	-12.5	-10	-43	-37	-30

2.Schematic:



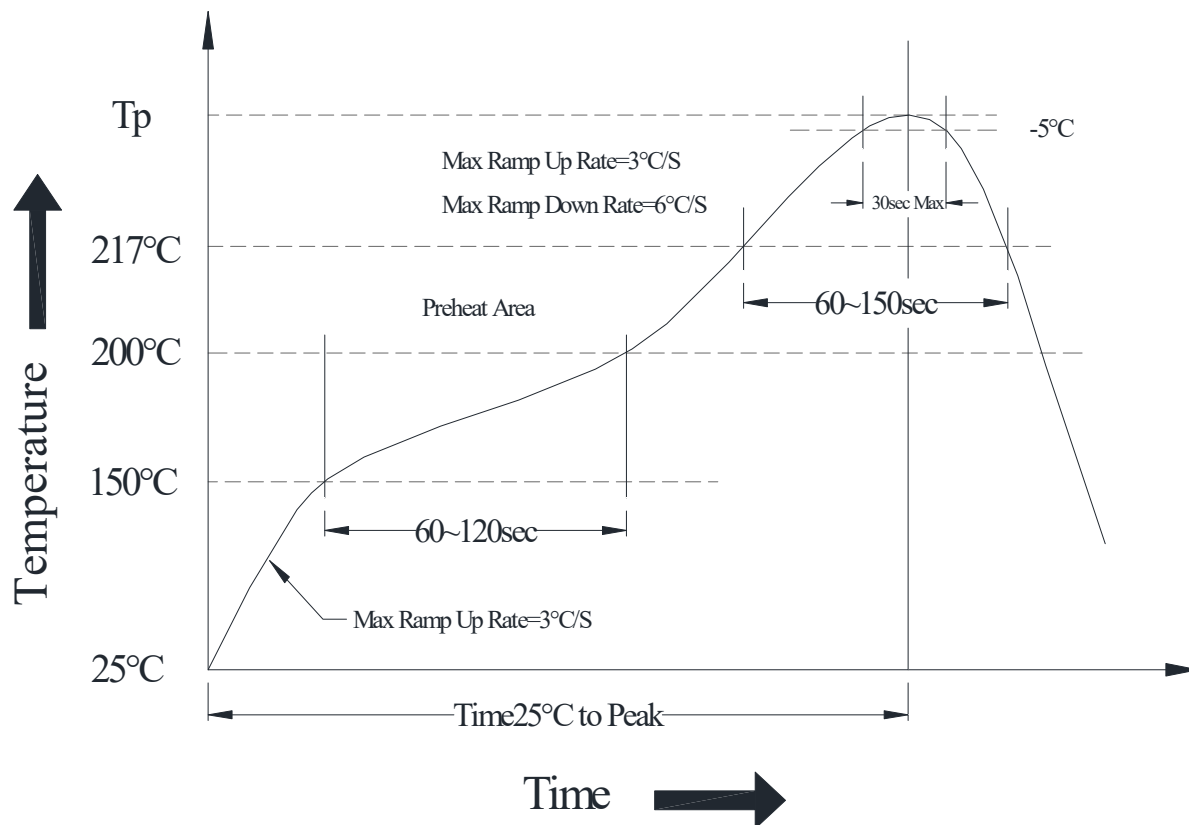
3. Mechanical:



Units:mm [Inches] Tolerances:xx. x0±0.25 [0.010] 0. xx±0.05 [0.002]

4. Recommend reflow soldering curve:

Lead-free Recommended Soldering Profile:
(SMD parts)



Remarks:

- peak temperature (Tp) = See temperature classification
- Maximum preheat rate = 3°C/sec
- Ramp up rate = 3°C/sec Max
- Time above 217°C = 60 sec Min / 150 sec Max
- Maximum cooling rate = 6°C/sec
- T25°C to peak = 8 min Max
- preheat Time = 60 ~ 120 sec
- The number of allowed cycles in IR reflow ≤ 2 cycles

Standard Packing Quantity 300 pcs / reel