

NTE654 **Crystal, 10.245MHz, Parallel Resonant**

Description:

The NTE654 Quartz Crystal features a rugged resistance weld package which allows for a better aging factor than its solder seal equivalent.

Features:

- Low Cost
- Industry Standard
- Wide Frequency Range
- Excellent Aging
- “AT” Cut Crystal

Specifications:

Frequency	10.254MHz
Resonance Mode	Fundamental
Frequency Tolerance ($T_A = +25^{\circ}\text{C}$)	± 30 PPM Max
Frequency Stability (Ref at $T_A = +25^{\circ}\text{C}$ over Operating Temperature Range)	± 50 PPM Max
Operating Temperature Range, T_{opr}	-20° to $+70^{\circ}\text{C}$
Storage Temperature Range, T_{STG}	-40° to $+85^{\circ}\text{C}$
Equivalent Series Resistance, ESR	30 Ω Max
Shunt Capacitance, C_O	7.0pF Max
Load Capacitance, C_L	32pF
Drive Level	1.0mW Max
Aging (Per Year)	± 5.0 PPM Max
Maximum Soldering Temperature (10sec Max)	$+260^{\circ}\text{C}$
Moisture Sensitivity Level, MSL	1
Termination Finish (Hot Dipped)	Sn/Ag/Cu
Weight	997.98 mg Typ

