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## 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 ( $T_A = +25^\circ\text{C}$ ) .....	$\pm 30$ PPM Max
Frequency Stability (Ref at $T_A = +25^\circ\text{C}$ over Operating Temperature Range) .....	$\pm 50$ PPM Max
Operating Temperature Range, $T_{opr}$ .....	$-20^\circ$ to $+70^\circ\text{C}$
Storage Temperature Range, $T_{STG}$ .....	$-40^\circ$ to $+85^\circ\text{C}$
Equivalent Series Resistance, ESR .....	$30 \pm$ Max
Shunt Capacitance, $C_O$ .....	7.0pF Max
Load Capacitance, $C_L$ .....	32pF
Drive Level .....	1.0mW Max
Aging (Per Year) .....	$\pm 5.0$ 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

