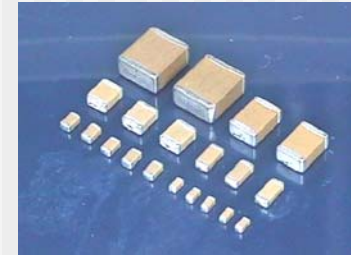




Holy Stone

New Product Introduction



High Temp MLCC (HTC Series)

◆ Features

- Used for High Temp up to 200°C
- 50vdc rated
- TC more stable than traditional high temp products

◆ Applications

- Applications including:
 - Down Hole Oil exploration
 - Automotive
 - LED Signal and Traffic Lights

Operation Temperature	-55~+200 °C
Rated Voltage	50Vdc and 200Vdc
Temperature Coefficient	Cap drop \leq + 4.7%~ -65% at -55~+200 °C
Capacitance Range	1.0nF to 0.22uF
Dissipation Factor :	2.0% max. at 1KHz 25°C
Insulation Resistance	100GΩ or 1000ΩF at 25°C > 1GΩ or 10ΩF at 200 °C Which is smaller
Dielectric Strength	250% Rated Voltage for 5 second @ 50mA max. current
Capacitance Tolerance	\pm 5% , \pm 10% , \pm 20%
Aging	1.0% per decade hr, Typical

