

8 x 4.5 mm SMD GLASS SEALED CRYSTAL / 8045 D-TYPE SERIES

■ **Features**

- Reliable glass sealed ceramic package
- High resistance to impact and vibration
- Wide temperature range operation
- Superior performance and stringent reliability in harsh environment
- Applications in TPMS, ECM, ABS, and sensor.
- Standard frequencies: 9.84375, 13.560, 16.000, 20.000 MHz
- Contains Pb in sealing glass exempted by RoHS directive.



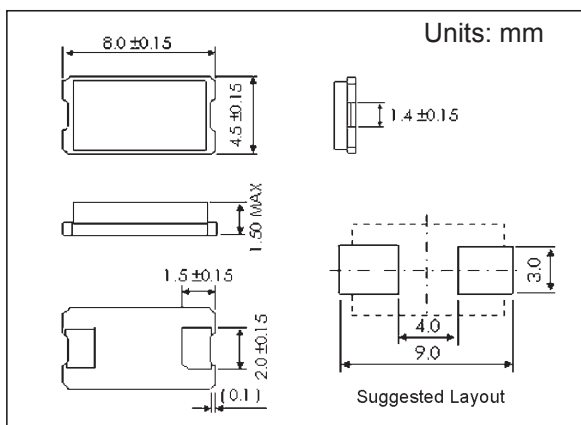
■ **Electrical Specifications**

Item	Type	8045 D-type
Frequency Range		8 ~ 30 MHz
Frequency Tolerance (at 25 °C)		± 100 ppm, or specify
Frequency Stability Over Operating Temperature Range		± 150 ppm, or specify
Operating Temperature Range		-40 ~ +125 °C
Driver Level		1 ~ 500 μW (10 μW typical)
Load Capacitance		12 pF, or specify
Aging (at 25 °C)		± 3 ppm / year Max.
Storage Temperature Range		-45 ~ +150 °C

■ **Equivalent Series Resistance (ESR)**

Fundamental	
8 ~ 13 MHz	150 Ω Max.
13 ~ 30 MHz	100 Ω Max.

■ **Dimensions**



■ **Reflow Condition**

