

NTC Thermistors, Surface Mount Chip



QUICK REFERENCE DATA		
PARAMETER	VALUE	UNIT
Resistance value at 25 °C	50 to 1M	Ω
Tolerance on R ₂₅ -value	± 5, ± 10	%
B _{25/75} -value	3477 to 4842	K
B _{25/85} -value	3486 to 4875	K
Tolerance on B _{25/85} - value, B _{25/75} -value	± 3	%
Operating temperature range at zero power	-40 to +125	°C

FEATURES

- Top and bottom surface terminations
- High-density monolithic ceramic construction
- Allows design flexibility for use with hybrid circuitry

APPLICATIONS

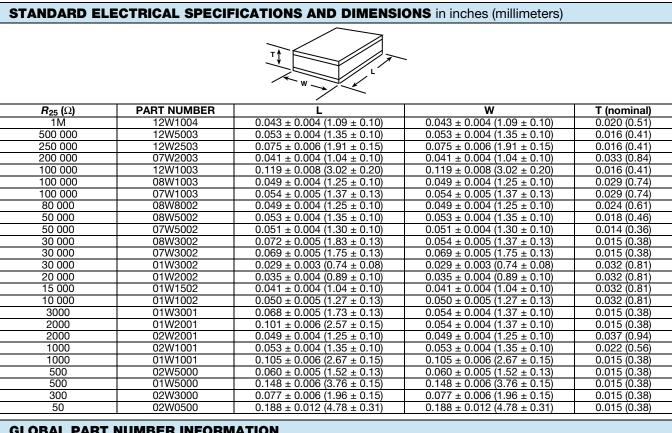
Temperature measurement, sensing and control in industrial applications

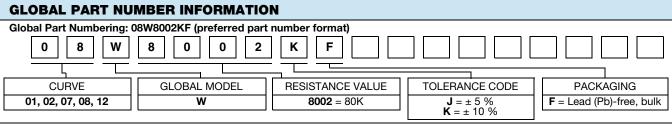
DESCRIPTION

Model W is a thermistor die with silver conductors fired on the top and bottom surfaces. The bottom surface can be reflow soldered or conductive epoxied directly to a substrate bonding pad and the top surface wire bonded or conductive epoxied to complete the circuit connection.

DESIGN-IN SUPPORT

For complete curve computation please visit the "My Vishay NTC curve" at: www.vishay.com/resistors-non-linear/ntc-curve-list/ or sent your part number to thermistor1@vishay.com to obtain a calculation spreadsheet.





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