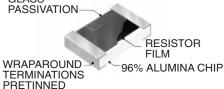
State of the Art, Inc. **1206 Thick Film Chip Resistor** Standard Grade, Surface Mount, Solderable





Tolerances to ± 0.5%

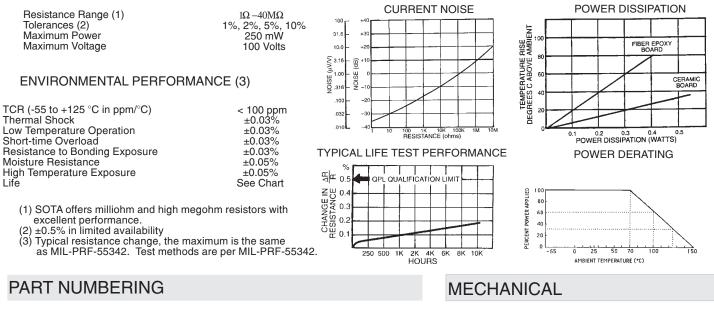
- Operating temperature range :
- -55° C to +150° C Pretinned (Sn60) nickel barrier
- terminations

FEATURES

- TCR's to ± 100 ppm
- · Made with the same materials and process as our MIL-PRF-55342 "S' level qualified chips

Suitable for solder reflow, vapor phase, or wave solder attachment

PERFORMANCE CHARACTERISTICS



S1206CPX ⁻	150 J	20
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TCR 10: ±100 ppm 20: ±200 ppm 30: ±300 ppm

TOLERANCES D: 0.5% F: 1% G: 2% J: 5% K: 10% M: 20%

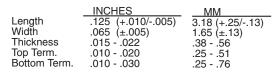
RESISTANCE VALUE

Three or four digits are used with all leading digits significant. Four digits are used for 1% tolerance or lower, otherwise three digits are used. The last digit specifies the number of zeros to add. The letter "R" is used to represent the decimal for fractional ohmic values. Example: 5R6 is 5.6 ohms.

PACKAGING

Three packaging options are available:

- Bulk Packaging (5000 per Bag Max.) Waffle Pack (140 per Tray Max.) Tape & Reel (5000 per Reel Max.)



Approx. Weight .0087 grams

Solderability: Solder coating compatible with Sn60, 62 or 63 solders, provides good wetting with all types of solder attachment. All product is tested IAW Mil-Std-202, method 208, including 8 hour steam aging.

OPTIONS

SOTA offers a full line of component parts in the 1206 size including Military (MIL-PRF-55342 "S" level) and High-Reliability (customer specified testing). Available options are epoxy bondable and wire bondable terminations, custom part marking, and untrimmed resistors.

STATE OF THE ART, INC. 2470 Fox Hill Road, State College, PA 16803-1797 Phone (814) 355-8004 Fax (814) 355-2714 Toll Free 1-800-458-3401 Where Quality Isn't a Goal...It's Our Tradition

10/01/97