

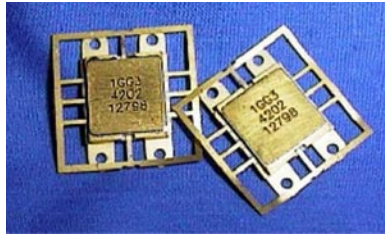
## LASER APPLICATION NOTE 2130

**TELESIS**

*ProScript*<sup>®</sup>

**Application:**

Marking on ceramic electronic components



**Mark depth:**

Surface to 0.0005 inch (0 to 0.0127 millimeters)

**Material:**

White Ceramic

**Mark Type:**

Alphanumeric, Barcode, 2d code, Logo, Schematics

**Cycle Time:**

Varies for mark type. Typically less than 2 seconds

**Laser Advantage:**

High mark speed and ease of integration of logos and serialization into process. No effect on sensitive electronic devices

**Recommended Laser:** ProScript Nd:YAG 75 Watt and higher  
ProScript CO<sub>2</sub> 25 Watt and higher

**Process Notes:**

*Both the ProScript CO<sub>2</sub> and the ProScript Nd:YAG can be used to mark directly onto the material the typical ProScript CO<sub>2</sub> mark is a cutting mark. The ProScript Nd:YAG gives the highest contrast with a dark surface mark. Readability test should be done if machine-readable codes are to be used.*