

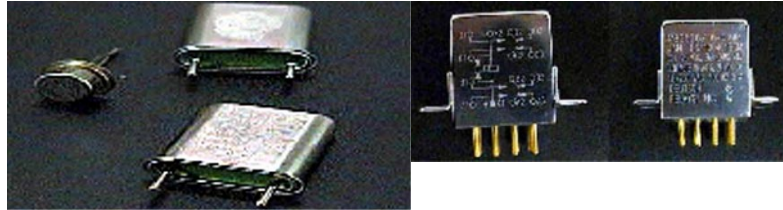
## LASER APPLICATION NOTE 2110

TELESIS

ProScript®

**Application:**

Identification of transistors, crystal oscillators, Capacitors, relays and other miniature nickel plated and steel packages.



**Mark depth:**

Surface to 0.0005 inch (0 to 0.0127 millimeters)

**Material:**

Steel, Titanium, Nickel plated

**Mark Type:**

Alphanumeric, Barcode, 2d code, Logo, Schematics

**Cycle Time:**

Varies for mark type. Typically less than 6 seconds

**Laser Advantage:**

No effect on delicate electronic circuits. Ease of integration of logos and serialization into process, makes laser perfect for short run applications.

**Recommended Laser:**

ProScript Nd:YAG 75 Watt and higher

**Process Notes:**

*ProScript Nd:YAG can be used to mark directly onto the package or "can". The ProScript Nd:YAG causes surface darkening by annealing the stainless steel. Laser can also be used to cut into the package giving a white mark. Surface disruption only with a light matte finish on the package is also possible.*