

# Ceramic Substrate Manufacturing

## PASSIVE LASER TRIM

### ✂ Equipment

- ✂ CLS 37 Laser Trim with Step & Repeat – Auto Load/Unload Robot (4)
- ✂ CLS 77 Wide Field Laser Trim With Auto Load/Unload Robot (1)

### ✂ Passive Trim Capability

- ✂ Trim tolerances of 0.5% absolute
- ✂ Resistor matching of 0.1%
- ✂ Auto SPC Data Collection and Analysis





# ***Active Trim & Final Test Capabilities***

- ✂ Active Laser Trim Equipment: 10Hz - 1GHz**
  - ✂ CLS 960 (1), ESI 44 (3), ESI 4990 (1)
- ✂ Functional Test: 10Hz - 3GHz**
- ✂ HI POT Testing**
- ✂ In House Test Fixturing**
- ✂ In House Test PCB Layout**
- ✂ Network Server for data collection**
- ✂ RF Lab Station**
- ✂ Automated RF Testing**
- ✂ High Volume Automotive Hot/Ambient Ignition Module Testing**
- ✂ Automated Cold testing**
- ✂ Tape and Reel Packaging**
  - ✂ Tape & Reel Stations, 3 with Video Microscope Inspection (6)