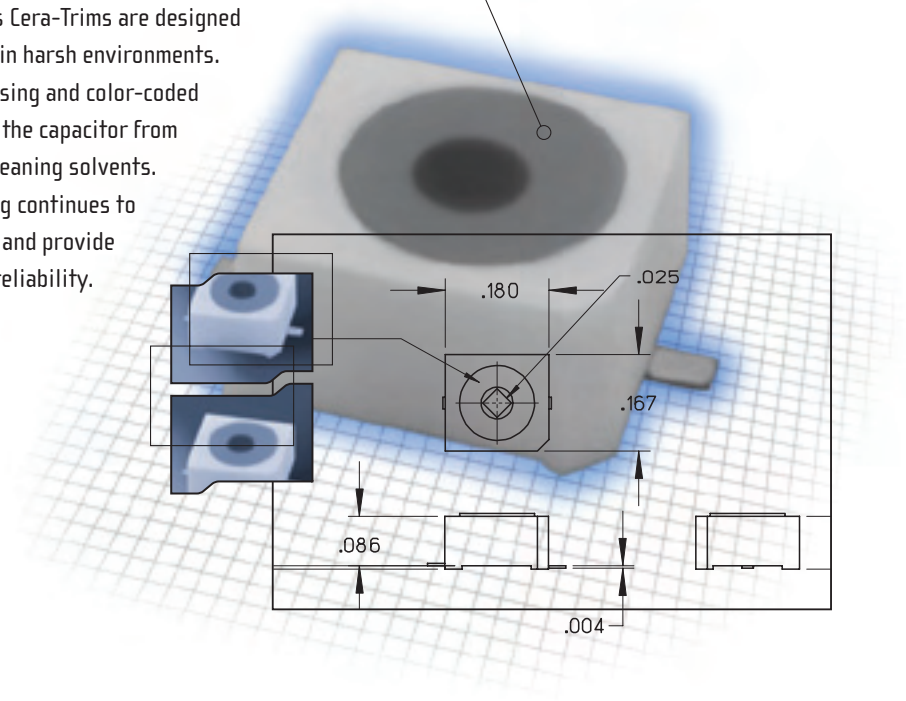
# CERA-TRIM

Based around our Thin-Trim capacitors, Johanson's Cera-Trims are designed for use in harsh environments. The ceramic housing and color-coded epoxy seal protect the capacitor from solder fluxes and cleaning solvents. In use, the housing continues to protect the trimmer and provide rugged reliability.




## APPLICATIONS

- RF amplifier
- LC Filters and Networks
- Broadband Wireless LAN
- Medical Devices
- Cordless and Cellular phones
- DR/Crystal Oscillator
- Microstrip line filters

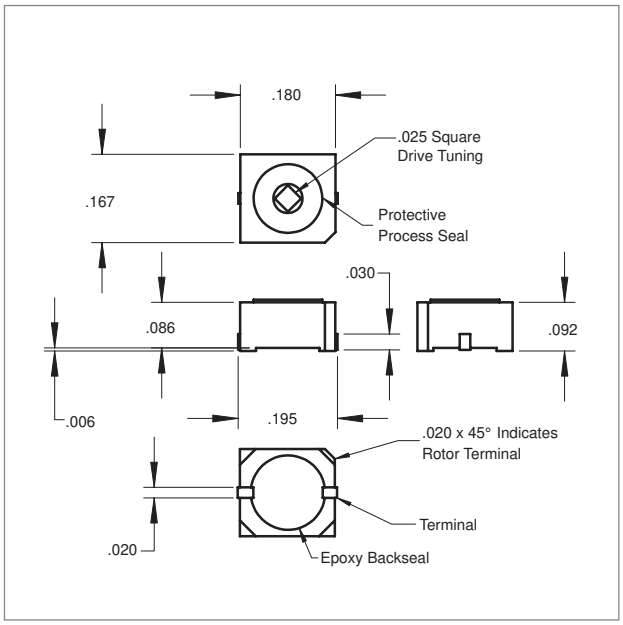
## CHARACTERISTICS

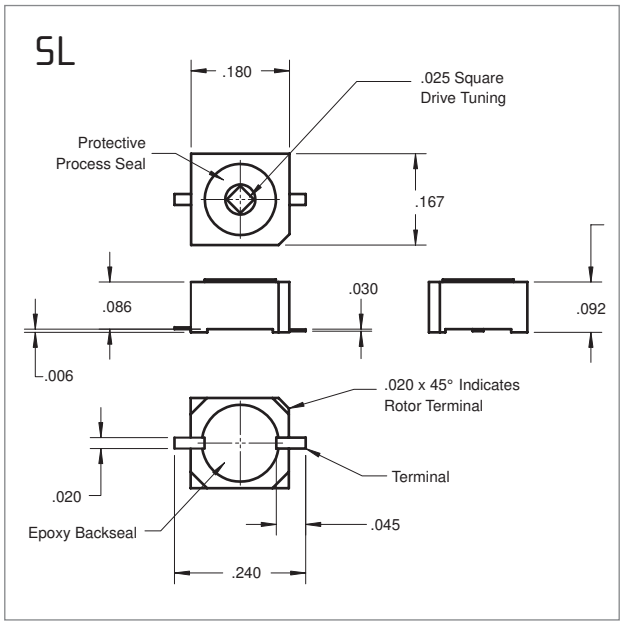
- Working Voltage: 250 VDC (500 VDC Test)
- Insulation Resistance: > $10^4$ MΩ
- Temperature Range: -55°C to +125°C
- Tuning Tool: 4192
- RoHS Compliant parts available

## PACKAGING

- Add suffix to JMC P/N for reel packaging
  R1=500 per reel, R2=2500 per reel

Specifications provided are typical and for reference only. Specifications are subject to change, and may be discontinued without advance notice.




| JMC P/N | | RANGE pF | MIN Q @100 MHz |
|---|---|---|---|
| 2320-0 | 2320-0SL | 0.6 to 2.5 | 3000 |
| 2320-1 | 2320-1SL | 1.0 to 5.0 | 1000 |
| 2320-2 | 2320-2SL | 2.5 to 10.0 | 1000 |
| 2320-3 | 2320-3SL | 5.0 to 18.0 | 500 |
| 2320-4 | 2320-4SL | 6.5 to 25.0 | 300 |

| RoHS | | RANGE pF | MIN Q @100 MHz |
|---|---|---|---|
| 2322-0G | 2322-0GSL | 0.6 to 2.5 | 3000 |
| 2322-1G | 2322-1GSL | 1.0 to 5.0 | 1000 |
| 2322-2G | 2322-2GSL | 2.5 to 10.0 | 1000 |
| 2322-3G | 2322-3GSL | 7.5 to 18.0 | 500 |
| 2322-4G | 2322-4GSL | 8.5 to 25.0 | 300 |

## Important Information: Storage Instructions for Cera-Trim®

Sealed Cera-Trim® Capacitors are packed with a 1/6 unit of desiccant and must remain in their original packing as long as possible before soldering. Care should be taken to make sure the re-sealable outer bag is completely sealed after each use.

All Cera-Trims, with or without process seals, should be stored in a temperature and humidity controlled environment.

If sealed Cera-Trims need to be re-packed then they must be packed in a re-sealable poly/metal anti-static bag with a fresh 1/6 unit of desiccant.

If sealed Cera-Trims have been inadvertently left exposed to ambient humidity for more than 1 hour, then dry the units per the following procedure:

for sealed units that are **not** in tape & reel packaging
Place units in an oven at 35 ± 5°C for 8 hours minimum or faster drying may be done at 125 ± 5°C for 60 to 90 minutes. Re-pack using fresh desiccant packs after drying.

for sealed units that are in tape & reel packaging
Place units in an oven at 35 ± 5°C for 8 hours minimum. Re-pack using fresh desiccant packs after drying.