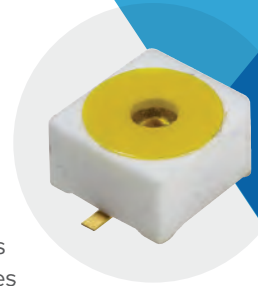


Cera-Trim® Trimmers 2322 Series



Cera-Trim® is a high performance surface mount trimmer capacitor designed specifically to withstand harsh environments. These capacitors deliver exceptional performance through microwave frequencies at operating temperatures of -55°C to +125°C. The square drive tuning mechanism provides and assures complete compatibility with automated tuning devices for positive non-slip tamper-proof adjustments.

The Cera-Trim® design makes it possible to utilize tape and reel. The alumina housing provides mechanical strength with outstanding electrical and heat-resistant properties. The rugged construction renders it resistant to penetration of solder fluxes and cleaning solvents. Recommended handling instructions outlining soldering procedures are available in Knowles specification R-360.

CHARACTERISTICS

Rated voltage: 250 VDC (test voltage 500 VDC)

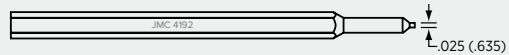
- Insulation resistance: $>10^4$ MΩ
- Operating temperature range: -55°C to +125°C
- Vibration: 15g, 10-2000 Hz, MIL-STD-202, Method 204, Condition B
- Shock: 100g, 6 milliseconds, MIL-STD-202, Method 213, Condition I
- Moisture resistance: MIL-STD-202, Method 106
- Resistant to soldering heat and flux: 260°C for 10 seconds
- Solderability: MIL-STD-202, Method 208
- Resistant to cleaning solvents: MIL-STD-202, Method 215
- Withstands up to 5 minutes total immersion in typical cleaning solvents at room temperature
- Conforms with specification MIL-PRF-81
- RoHS compliant Series

APPLICATIONS

- RF Amplifier
- LC Filters and Networks
- Broadband Wireless LAN
- Medical Devices
- Cordless and Cellular phones
- DR/Crystal Oscillators
- Microstrip Line Filters

PACKAGING

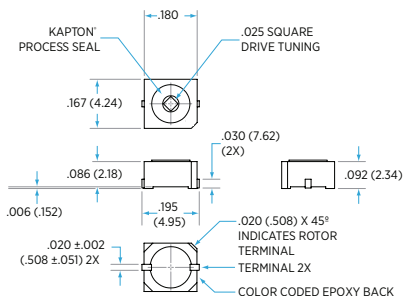
- Add suffix to JMC P/N for reel packaging
- R1 = 500 pieces, R2 = 2,500 pieces



JMC Square Drive Tuning Tool 4192 for 2322 Series

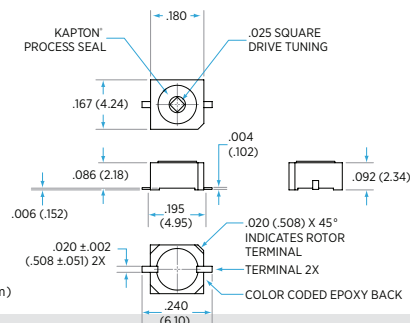
2322 RoHS Series	Housing Size	2322 RoHS Capacitance	Tuning Resolution	Min. Q @ 100 MHz	Drawing Figure	Color Code
2322-0G	0.180" x 0.167" (4.57mm x 4.24mm)	0.6 to 2.5pF	180°	3000	A	RED
2322-0GSL	0.180" x 0.167" (4.57mm x 4.24mm)				B	RED
2322-1G	0.180" x 0.167" (4.57mm x 4.24mm)	1.0 to 5pF		1000	A	BLUE
2322-1GSL	0.180" x 0.167" (4.57mm x 4.24mm)			B	BLUE	
2322-2G	0.180" x 0.167" (4.57mm x 4.24mm)	2.5 to 10pF		1000	A	BLACK
2322-2GSL	0.180" x 0.167" (4.57mm x 4.24mm)			B	BLACK	
2322-3G	0.180" x 0.167" (4.57mm x 4.24mm)	7.5 to 18pF		500	A	CLEAR
2322-3GSL	0.180" x 0.167" (4.57mm x 4.24mm)			B	CLEAR	
2322-4G	0.180" x 0.167" (4.57mm x 4.24mm)	8.5 to 25pF	300	A	GREEN	
2322-4GSL	0.180" x 0.167" (4.57mm x 4.24mm)		B	GREEN		

SEALED FIGURE A



Dimensions: inches (mm)

SEALED SL FIGURE B



Dimensions: inches (mm)