

NMP-K SERIES Non-Magnetic Trimmer Capacitors

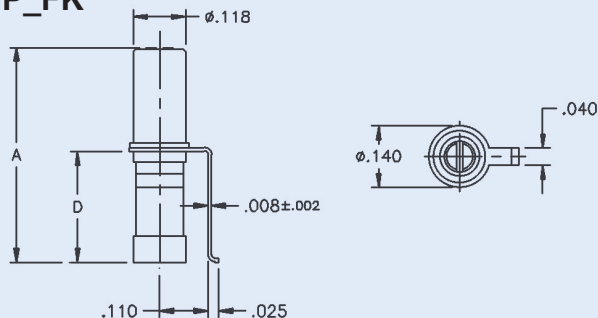
CRYOGENIC TUNABLE TRIMMER CAPACITORS AT 4°K AND ABOVE

GENERAL SPECIFICATIONS

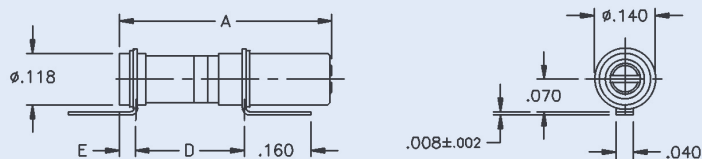
| Part Number | NMP3_K | NMP5_K | NMP8_K | NMP12_K |
|--|----------------------------------|--------------|-------------------|-------------|
| Capacitance | 0.6 to 2.5pF | 0.6 to 4.5pF | 0.8 to 8PF | 1.0 to 12pF |
| DC Working Voltage | 500 | 500 | 500 | 500 |
| DC Withstanding Voltage | 1000 | 1000 | 1000 | 1000 |
| Q at 250MHz at maximum rated C | 4000 | 3000 | 1500 | 1250 |
| Capacitance Drift | Less than 2% at 77°K | | | |
| Insulation Resistance | 10 ⁶ megohms at 25° C | | | |
| Operating Temperature | 4°K and above | | | |
| Rotational Life | 10,000 turns | | 600 turns approx. | |
| Torque | 0.5-3.0 in-oz | | | |
| Tunable | 4°K and above | | | |
| Drawing tolerances where not specified | xxx +/- .005 xx +/- .016 | | | |

LEAD CONFIGURATION

NMP_FK

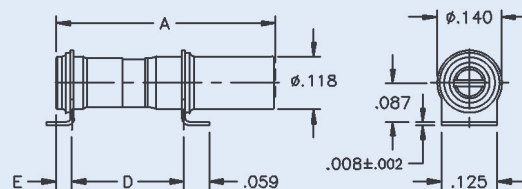


NMP3_JK, NMP5_JK, & NMP8_JK



| TYPE | A (max) | D +/- 0.010 | E +/- 0.010 |
|---------|---------|-------------|-------------|
| NMP3FK | 0.240 | 0.090 | |
| NMP5FK | 0.329 | 0.160 | |
| NMP8FK | 0.495 | 0.250 | |
| NMP12FK | 0.495 | 0.250 | |

NMP12_JK



| | | | |
|---------|-------|-------|-------|
| NMP3JK | 0.240 | 0.083 | 0.014 |
| NMP5JK | 0.329 | 0.130 | 0.034 |
| NMP8JK | 0.495 | 0.250 | 0.036 |
| NMP12JK | 0.495 | 0.250 | 0.036 |

Extended Shaft Option:

Extended metal shaft: Add "E" to part number, (ex: NMP12_FKE)