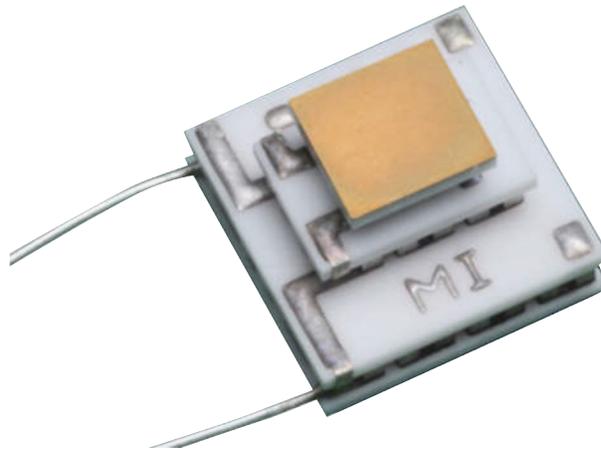


Thermoelectric Coolers (TEC)

# MULTI-STAGE THERMOELECTRIC COOLER NL3026T

## Multi-Stage Thermoelectric Module



### FEATURES

- RoHS EU Compliant
- Rated operating temperature of 85°C
- Maximum processing temperature of 120°C
- AC Suffix indicates Aluminum oxide
- BC Suffix indicates Beryllium oxide

# MULTI-STAGE THERMOELECTRIC COOLER NL3026T

## Nominal Performance in Nitrogen

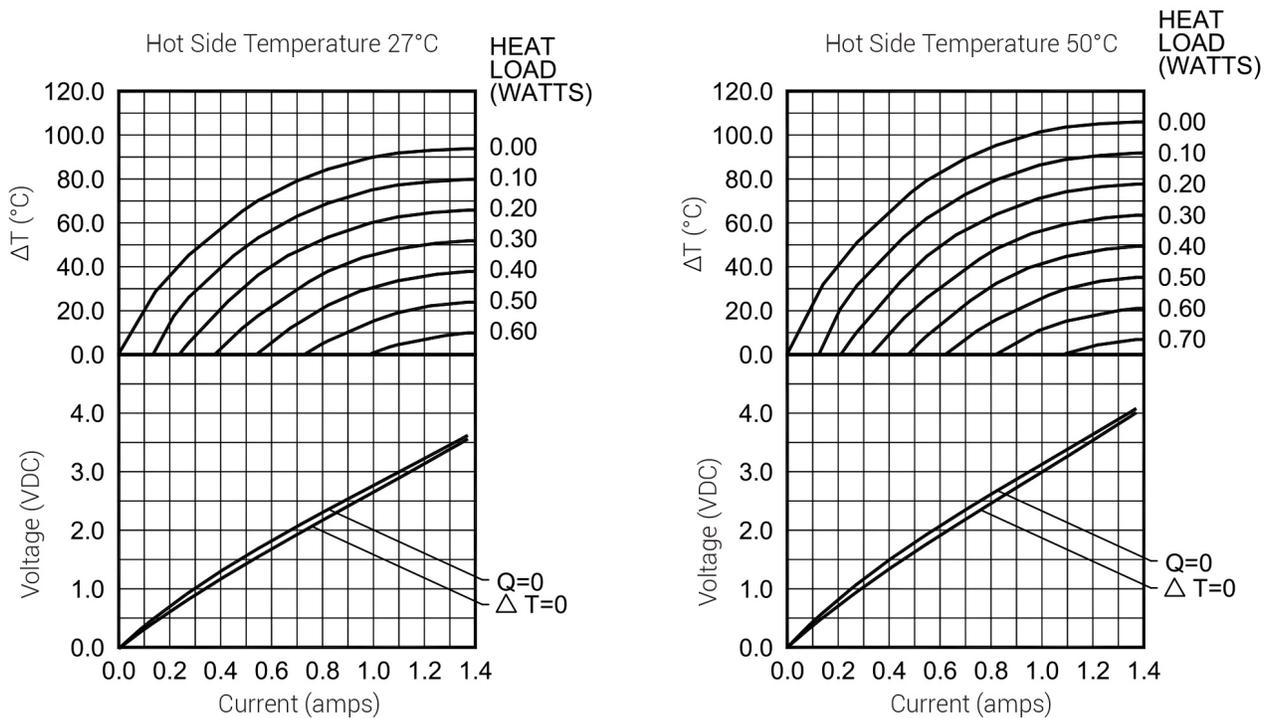
Hot Side Temperature (°C)	27	50
$\Delta T_{max}$ (°C)	93	106
Qmax (watts)	0.62	0.71
I <sub>max</sub> (amps)	1.3	1.3
V <sub>max</sub> (vdc)	3.4	3.9
AC Resistance (ohms)	2.51	--

## Ordering Options

Model Number	Description
NL3026T-01AC	Both Surfaces are Metallized
NL3026T-01BC	Both Surfaces are Metallized
NL3026T-02AC	Hot Side Exterior is Metallized
NL3026T-02BC	Hot Side Exterior is Metallized
NL3026T-03AC	No Metallization
NL3026T-03BC	No Metallization

## Typical Performance Curves

Environment: One atmosphere dry nitrogen



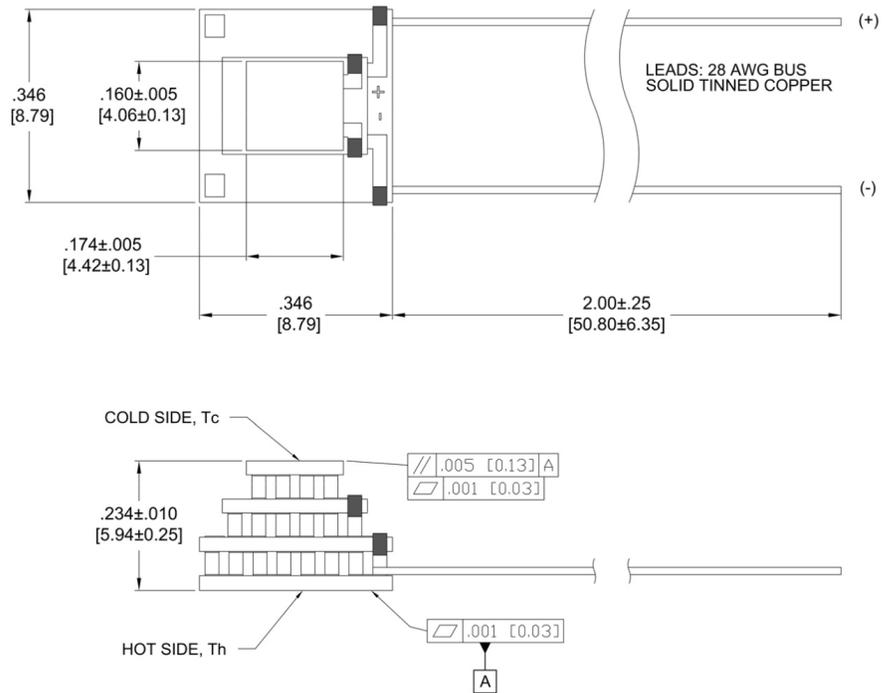
For performance information in a vacuum or with hot side temperatures other than 27°C or 50°C, please contact us.

# MULTI-STAGE THERMOELECTRIC COOLER NL3026T

## Mechanical Characteristics

### Beryllium Oxide Handling Precautions

Beryllium oxide can be toxic only when dust, mist, or fumes containing particles small enough to enter the lungs are inhaled. For the user, precautions required are to avoid grinding, machining or pulverizing the material by mechanical, thermal, or chemical processing.



All units are in inches and [ ] are in millimeters unless otherwise stated.