

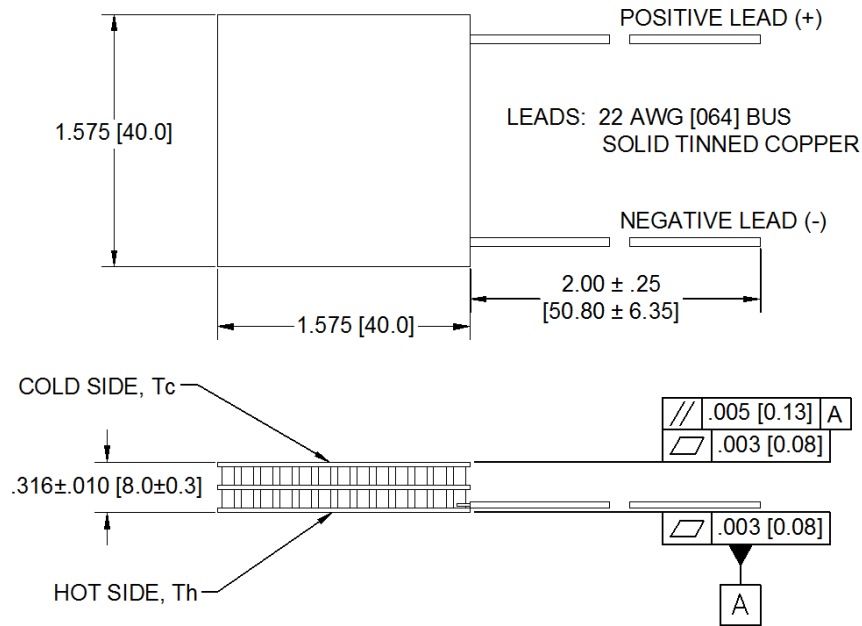
NL2060

Thermoelectric Cooler
RoHS EU Compliant

TYPICAL PERFORMANCE VALUES

Nitrogen		
Hot Temperature (°C)	27°C	50°C
Δ Tmax (°C-dry N ₂):	71	81
Qmax (watts):	38.9	43.4
I _{max} (amps):	6.5	6.5
V _{max} (vdc):	14.4	16.1
AC Resistance (ohms):	1.96	--
Vacuum		
Hot Side Temperature (°C)	27°C	50°C
Δ Tmax (°C-dry N ₂):	80	91
Qmax (watts):	39.4	44.0
I _{max} (amps):	6.6	6.6
V _{max} (vdc):	14.5	16.2
AC Resistance (ohms):	1.96	--

MECHANICAL CHARACTERISTICS



Dimensions are shown inches [millimeters].

ORDERING OPTIONS

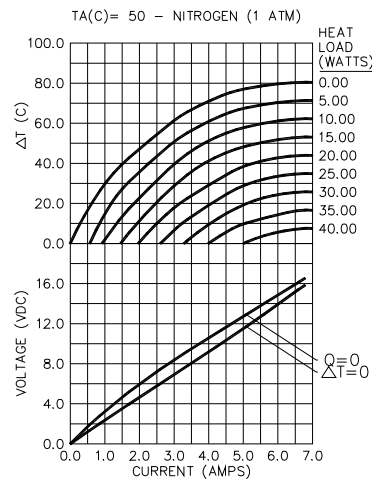
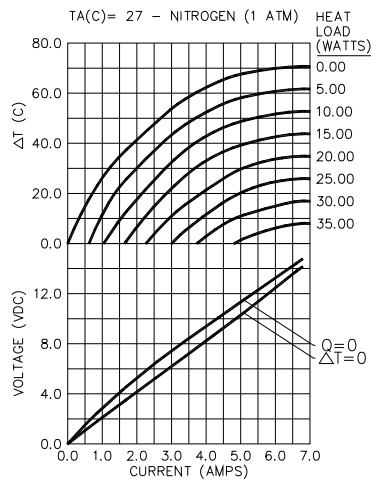
Model Number	Description
NL2060-01AC	both surfaces are metallized
NL2060-02AC	hot side exterior is metallized
NL2060-03AC	no metallization
NL2060-04AC	-02AC with hot side pretinned with 117°C solder
NL2060-05AC	-03AC with 8 inch insulated wires

AVAILABLE MODIFICATIONS

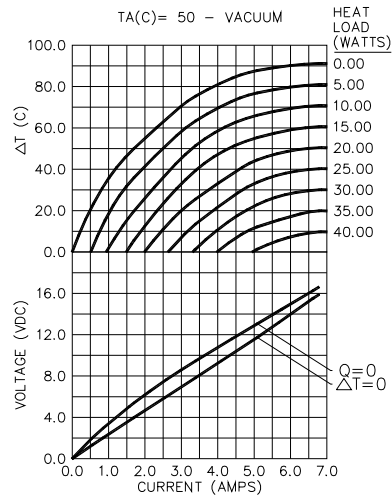
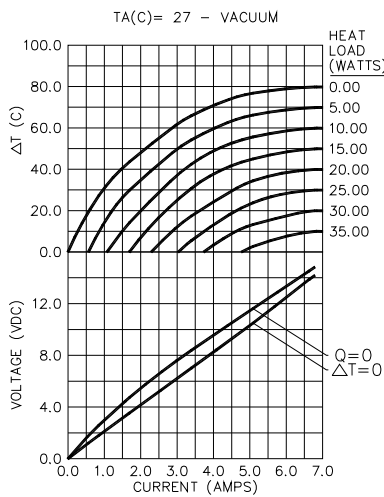
Ideal for large temperature differentials (ΔT) and large heat pumping applications.
Pretinned metallized ceramic surface(s) with 96°C or 117°C solder.
Thermistor mounted on edge of cold side ceramic. (Calibration available.)
Custom designs available to meet any multistage application.

ENVIRONMENT:

Nitrogen



Vacuum



For performance information in a vacuum or with hot side temperatures other than 27°C or 50°C, consult one of our Applications Engineers.

Installation

Recommended mounting methods: Bonding with thermal epoxy or soldering with metallized ceramics. For additional information, please refer to our TEC Installation Guide.

Operation Cautions

For maximum reliability, storage and operation below 85°C in a non-condensing environment is recommended. To minimize thermal stress, use linear/proportional temperature control or a similar method rather than an ON/OFF method.

CONTACT US:

For customer support or general questions please contact a local office below or consult our website for distributor information.

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