

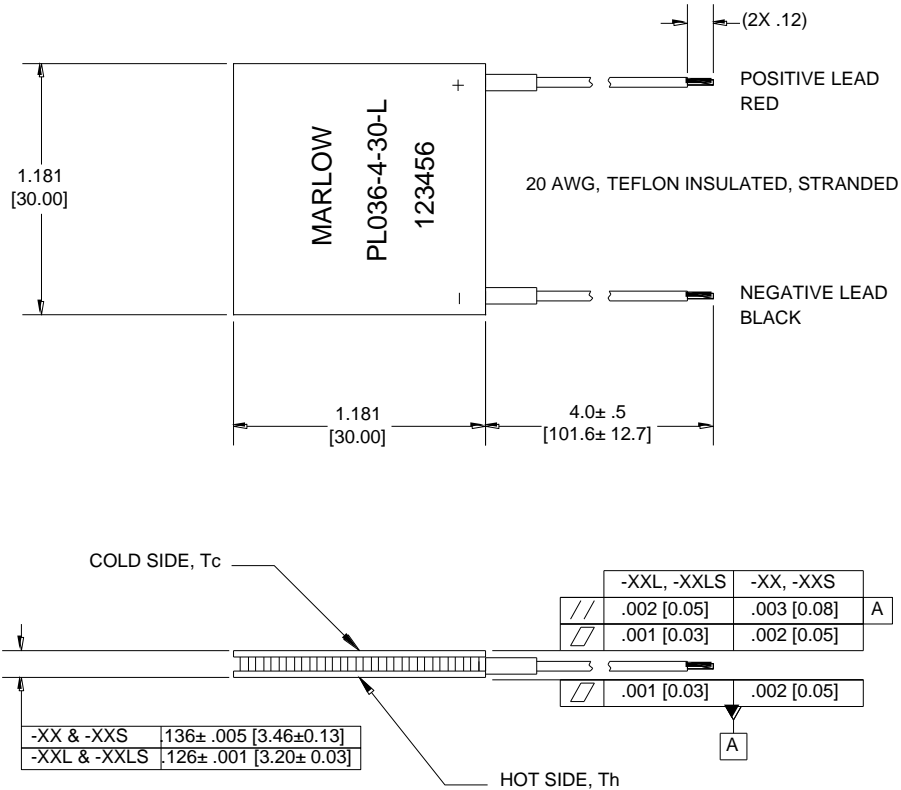
PL036-4-30

Single-Stage Thermoelectric Cooler
RoHS EU Compliant

TYPICAL PERFORMANCE VALUES

| | | |
|--|------|------|
| Hot Side Temperature (°C) | 27°C | 50°C |
| ΔT_{max} (°C-dry N ₂): | 66 | 74 |
| Q _{max} (watts): | 36 | 39 |
| I _{max} (amps): | 3.7 | 3.7 |
| V _{max} (vdc): | 14.7 | 16.4 |
| AC Resistance (ohms): | 3.2 | |

MECHANICAL CHARACTERISTICS



ORDERING OPTIONS

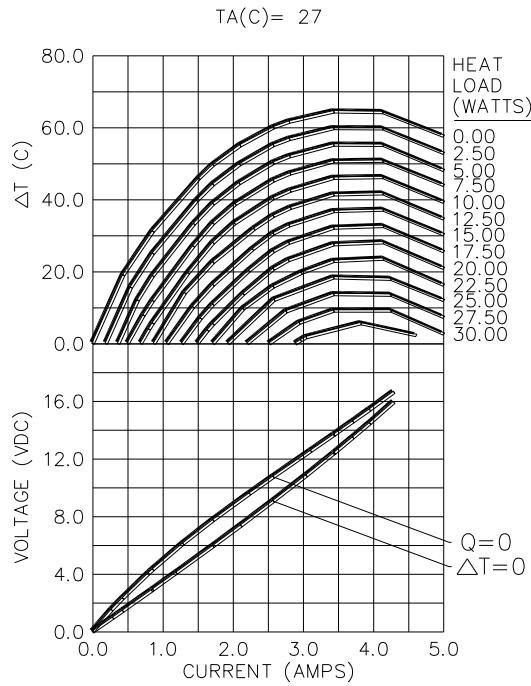
| Model Number | Description |
|-----------------|---------------------------|
| PL036-4-30-01 | Leadwires |
| PL036-4-30-01S | Leadwires, Sealed |
| PL036-4-30-01L | Leadwires, Lapped |
| PL036-4-30-01LS | Leadwires, Lapped, Sealed |

PRODUCT FEATURES

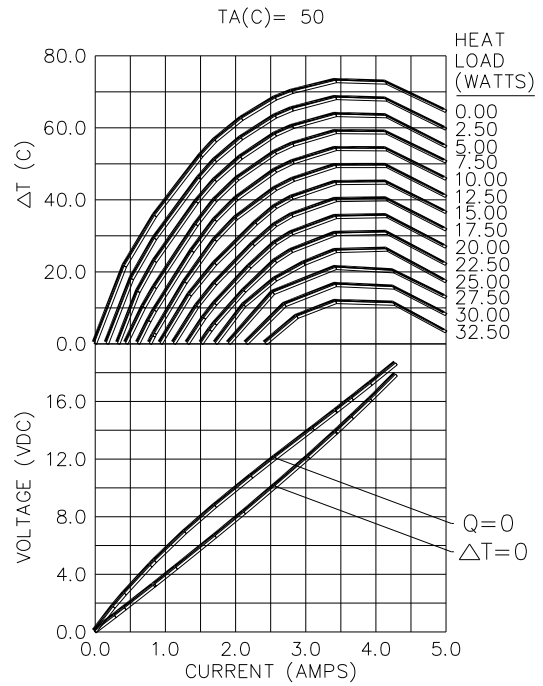
- Rated operating temperature of 130 C.
- Superior nickel diffusion barriers on elements.
- High strength for rugged environment.
- RTV sealing option available.
- Lapped option available for multiple module applications.

ENVIRONMENT: ONE ATMOSPHERE DRY NITROGEN

Hot Side Temperature 27°C



Hot Side Temperature 50°C



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 method: Clamp with uniform pressure to a flat surface with thermal interface material. 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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