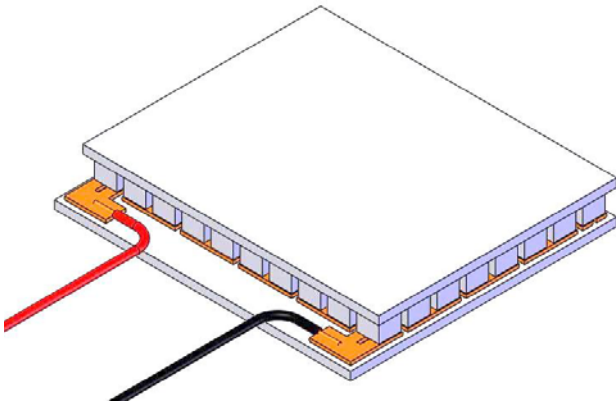


XLT2404

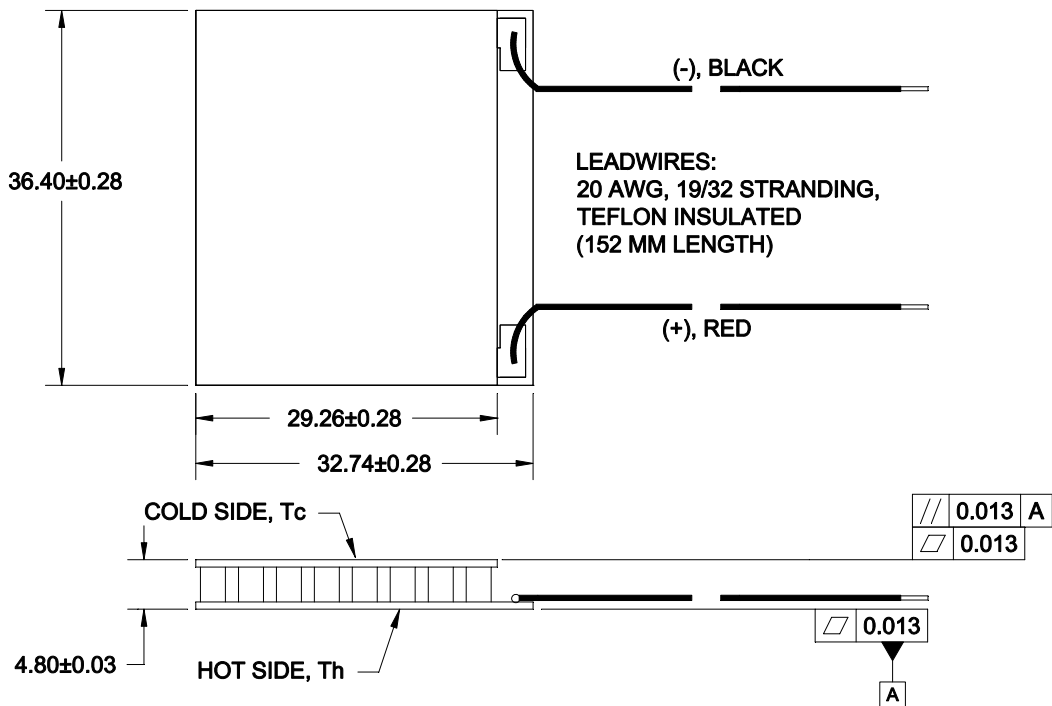
Single-Stage Thermoelectric Cooler
RoHS EU Compliant



TYPICAL PERFORMANCE VALUES

Hot Side Temperature (°C)	50°C	100°C
ΔT_{max} (°C-dry N ₂):	70	85
Q _{max} (watts):	50	57
I _{max} (amps):	15.2	14.5
V _{max} (vdc):	5.1	6.1
AC Resistance @ 27°C (ohms):	0.25	---

MECHANICAL CHARACTERISTICS



ORDERING OPTIONS

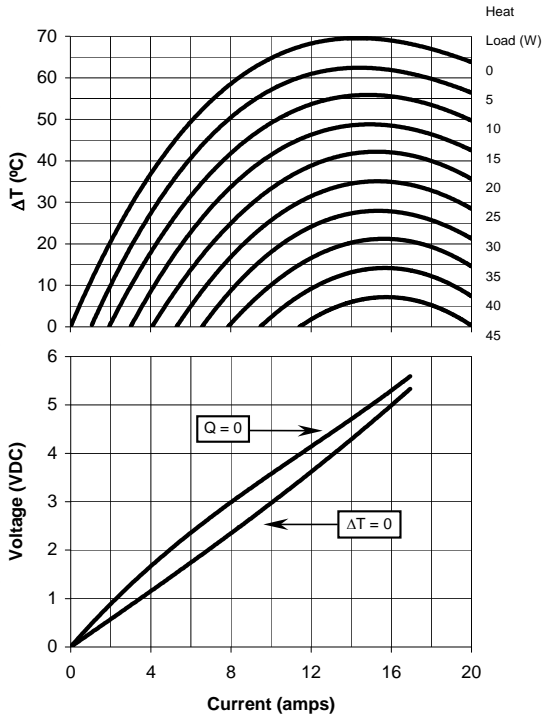
Model Number	Description
XLT2404-04AC	Leadwires, Lapped

PRODUCT FEATURES

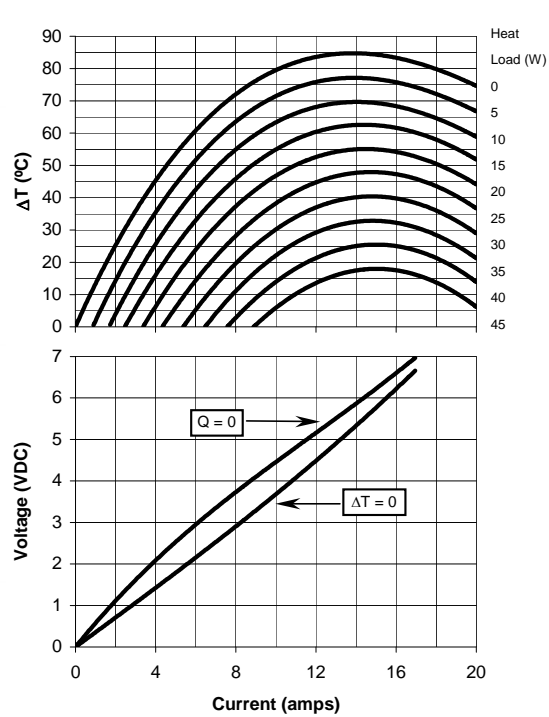
- Rated operating temperature 125°C.
- Designed for temperature cycling applications.
- Capable of rapid heating and cooling rates.
- Porch configuration for enhanced leadwire strength.
- Lapped module allows for multiple module applications.

ENVIRONMENT: ONE ATMOSPHERE DRY NITROGEN

Hot Side Temperature 50°C



Hot Side Temperature 100°C



For performance information in a vacuum or with hot side temperatures other than 50°C or 100°C, contact one of our Applications Engineers at 877-627-5691.

Installation

Recommended mounting methods: 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 125°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 visit our website at www.marlow.com.

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