

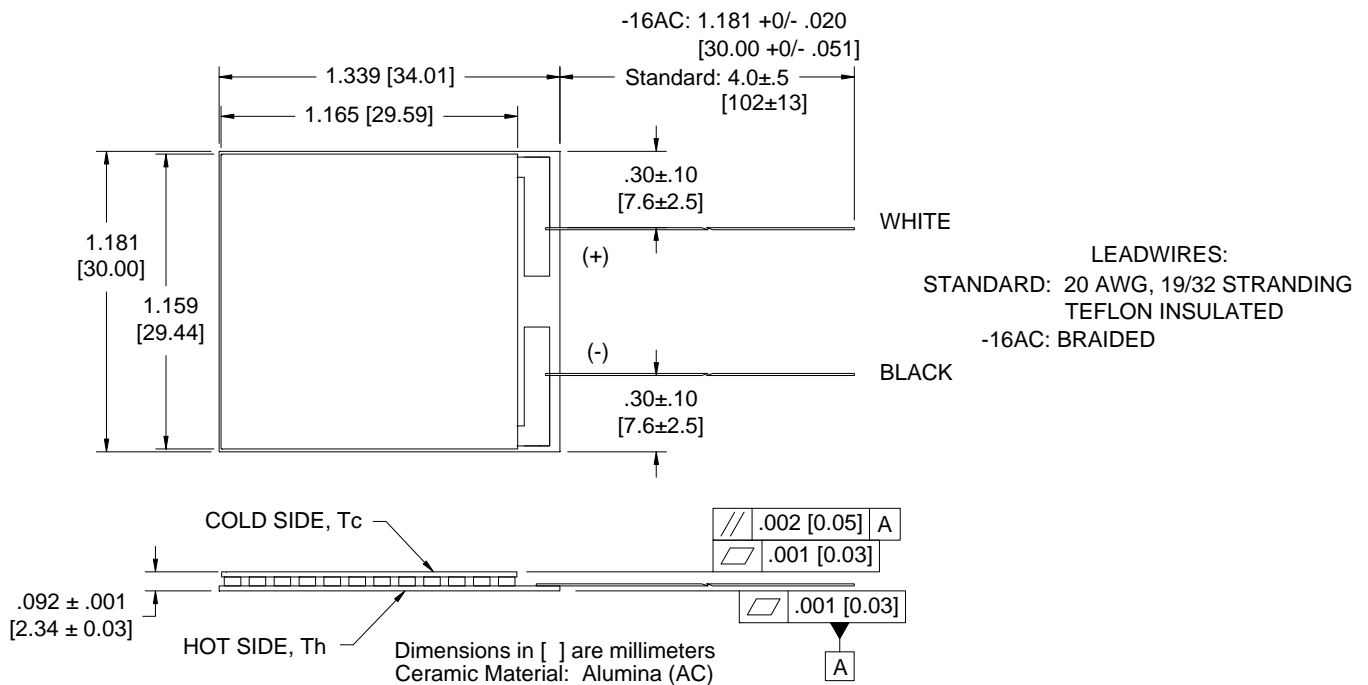
XLT2419

Single-Stage Thermoelectric Cooler
RoHS EU Compliant

TYPICAL PERFORMANCE VALUES

Hot Side Temperature (°C)	27°C	50°C
Δ Tmax (°C-dry N ₂):	56.5	64.0
Qmax (watts):	72	79
I _{max} (amps):	13.9	13.8
V _{max} (vdc):	8.0	8.8
AC Resistance (ohms):	0.47	---

MECHANICAL CHARACTERISTICS



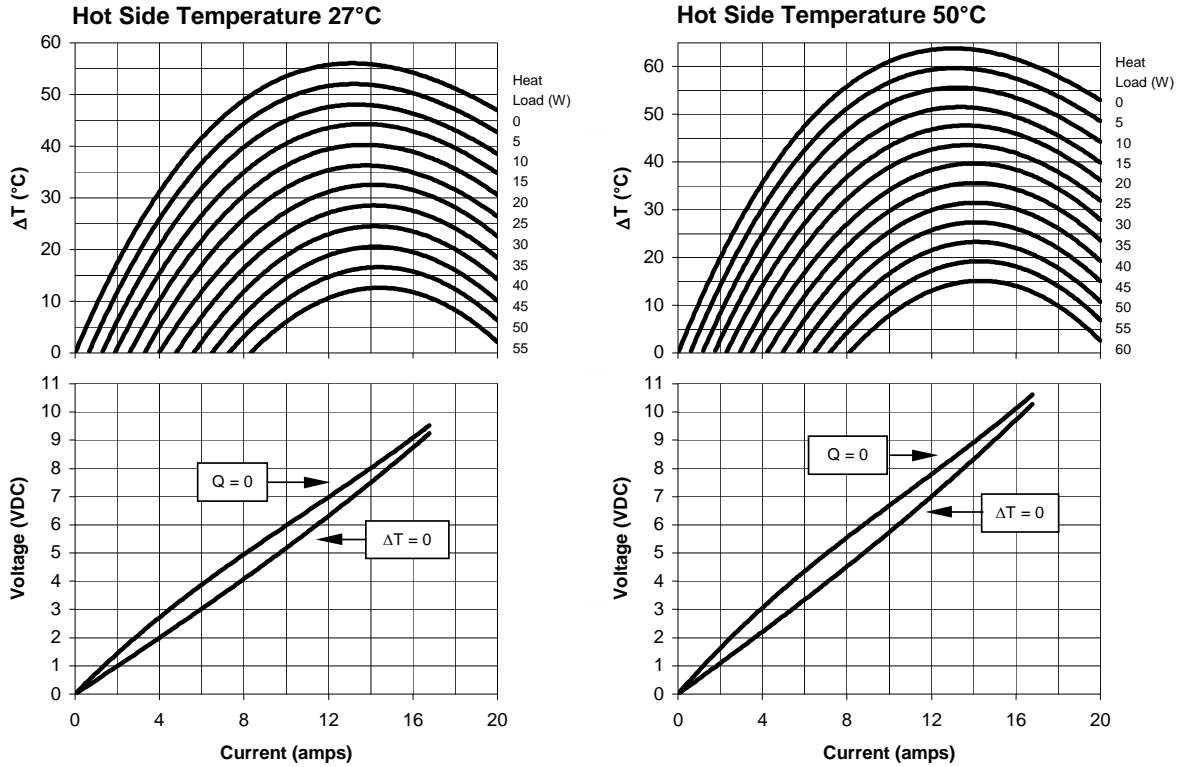
ORDERING OPTIONS

Model Number	Description
XLT2419-03AC	Leadwires
XLT2419-04AC	No Leadwires
XLT2419-05AC	Leadwires, Diced
XLT2419-07AC	Leadwires, Sealed
XLT2419-08AC	Leadwires 8 inches long
XLT2419-09AC	Leadwires, Diced, Conformal Parylene Coating
XLT2419-16AC	Leadwires, Braided, ACR and Height Matched Set of 6
XLT2419-26AC	Leadwires, Sealed, Leadwire Sealed, ACR and Height Matched Set of 6

PRODUCT FEATURES

Specifically designed for thermal cycling applications. Capable of rapid heating and cooling rates. Proven High Reliability (Data available upon request). Rugged construction. Porched configuration for enhanced leadwire strength. Rated operating temperature of 125°C. Height tolerance of ± .001 in. (± .03 mm) allows for multiple module applications. RTV sealing available.

ENVIRONMENT: ONE ATMOSPHERE DRY NITROGEN



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

XLT coolers are typically mounted under compression using thermal grease or flexible graphite products. Consult Marlow Industries' Thermoelectric Installation Guide for more details. For additional information, please contact one of our application engineers for technical support.

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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