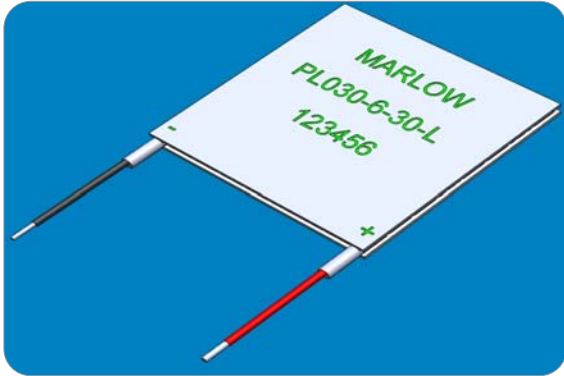


marlow industries, inc.®  
Subsidiary of II-VI INCORPORATED



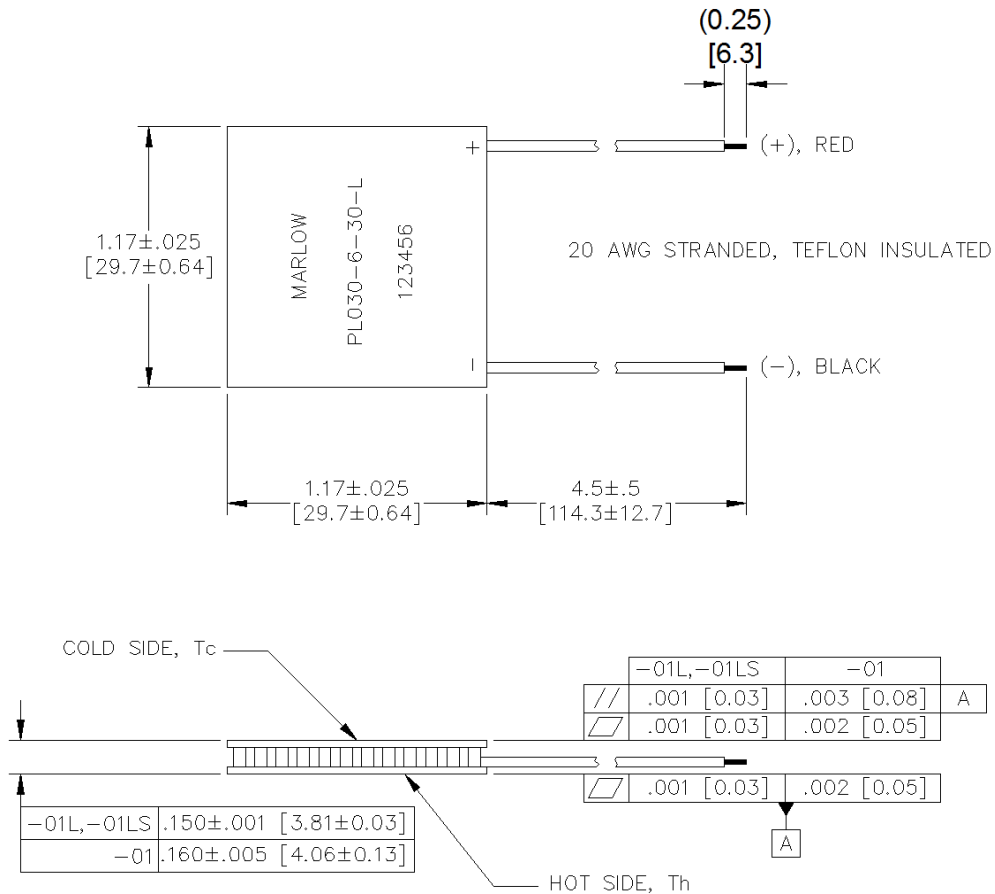
## PL030-6-30

Single-Stage Thermoelectric Cooler  
RoHS EU Compliant

### TYPICAL PERFORMANCE VALUES

Hot Side Temperature (°C)	27°C	50°C
Δ Tmax (°C-dry N <sub>2</sub> ):	66	73
Qmax (watts):	30	33
I <sub>max</sub> (amps):	5.6	5.6
V <sub>max</sub> (vdc):	8.2	9.2
AC Resistance (ohms):	1.2	---

### MECHANICAL CHARACTERISTICS



### ORDERING OPTIONS

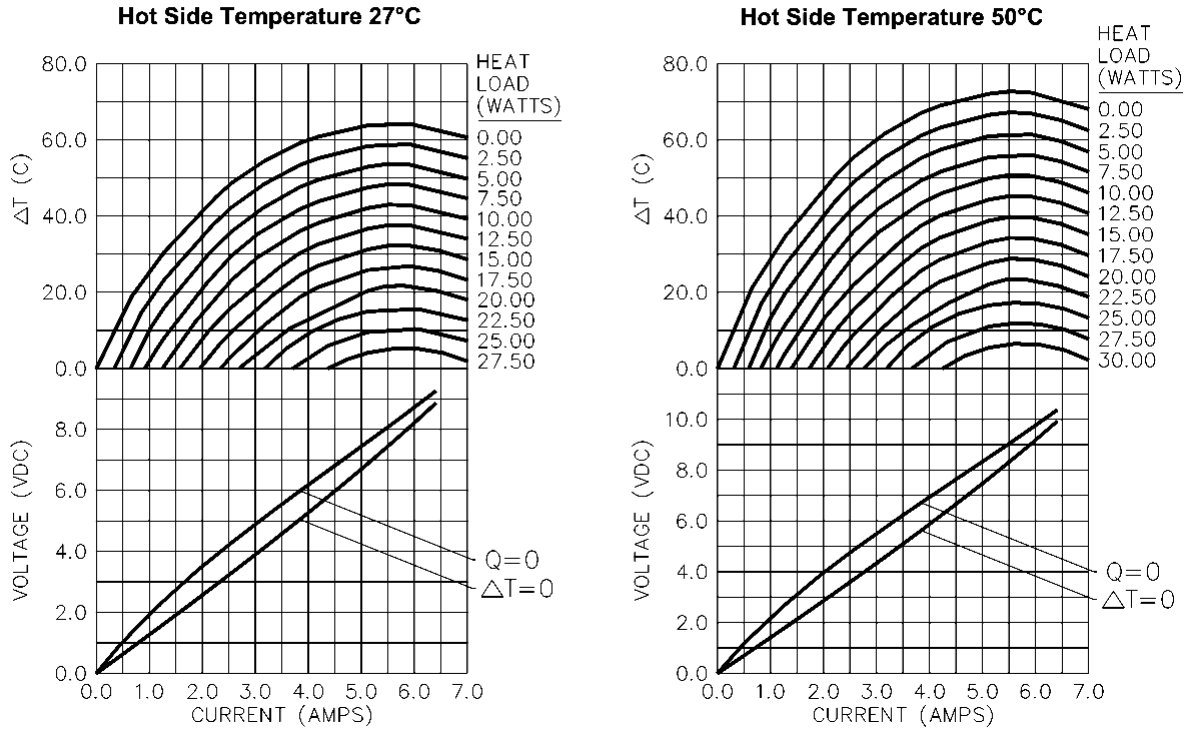
Model Number

PL030-6-30-01	Leadwires
PL030-6-30-01L	Leadwires, Lapped
PL030-6-30-01LS	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



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

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