



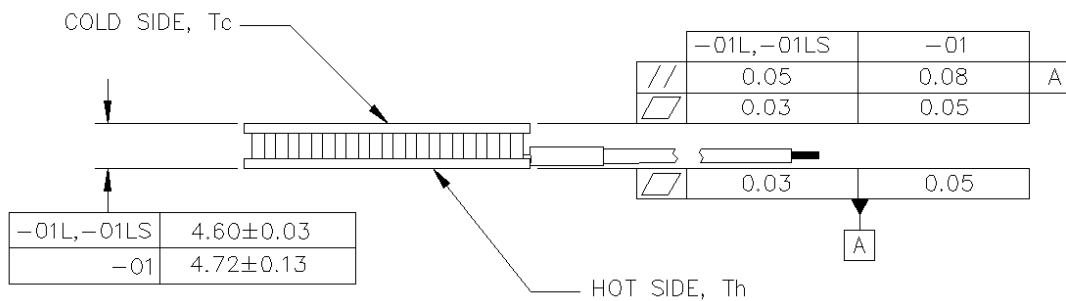
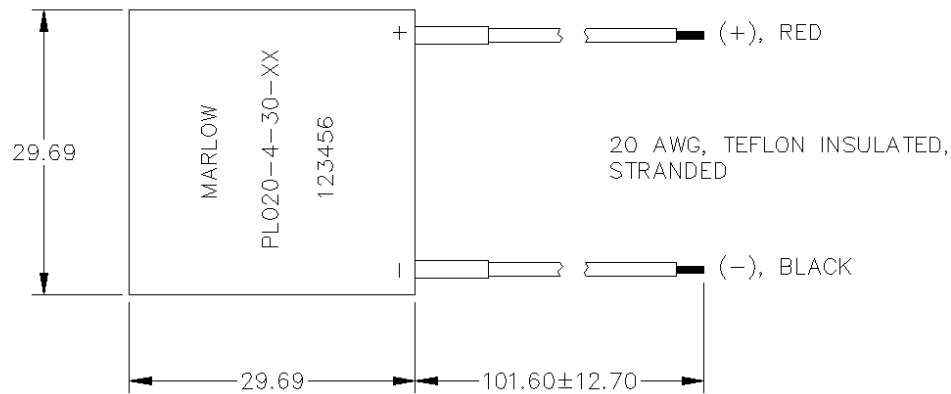
## PL020-4-30

Single-Stage Thermoelectric Module  
RoHS EU Compliant

### TYPICAL PERFORMANCE VALUES

Hot Side Temperature (°C)	27	50
$\Delta T_{max}$ (°C-dry N <sub>2</sub> ):	65	73
Q <sub>max</sub> (watts):	20.7	22.8
I <sub>max</sub> (amps):	3.9	3.8
V <sub>max</sub> (vdc):	8.20	9.10
AC Resistance (ohms):	1.80	

### MECHANICAL CHARACTERISTICS



### ORDERING OPTIONS

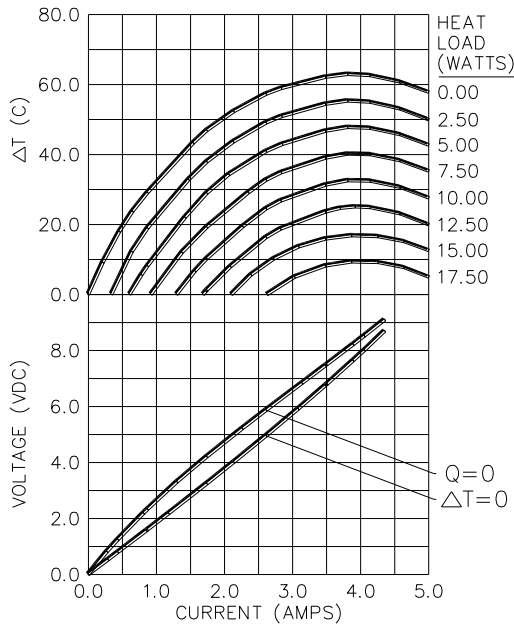
Model Number	Description
PL020-4-30-01	Leadwires
PL020-4-30-01L	Leadwires, Lapped
PL020-4-30-01LS	Leadwires, Lapped, Sealed

### PRODUCT FEATURES

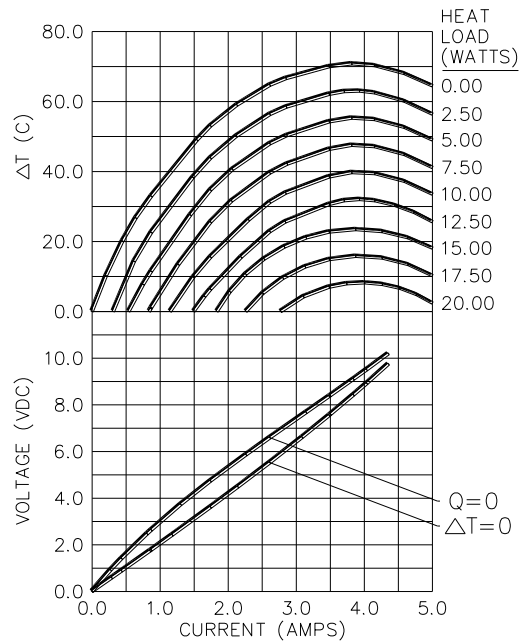
- Rated operating temperature of 130°C.
- Superior nickel diffusion barriers on elements.
- High strength for rugged environment.
- Porch configuration for high strength lead wire connection.
- RTV sealing option available.
- Lapped option available for multiple module applications.

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, contact one of our Applications Engineers at 877-627-5691.

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 visit our website at [www.marlow.com](http://www.marlow.com).

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