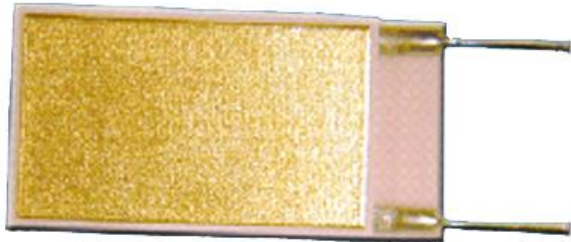




# Technical Data Sheet for CM30-1.9

## Commercial Module for CATV & SLED Applications



### NOMINAL PERFORMANCE IN NITROGEN

Hot Side Temperature (°C)	27	50
$\Delta T_{max}$ (°C):	71	92
Q <sub>max</sub> (watts):	4.5	5.4
I <sub>max</sub> (amps):	1.9	1.8
V <sub>max</sub> (vdc):	3.6	4.5
AC Resistance (ohms):	1.6	--

### PRODUCT FEATURES

- RoHS EU Compliant
- Ceramic Material: Aluminum Oxide
- Au flash exterior, suitable for soldering.
- Maximum process temperature is 220°C.
- Porch configuration for high strength leadwire connection.

### ORDERING OPTIONS

Model Number	Description
CM30-1.9-01AC	Metallized Exterior

### OPERATION CAUTIONS

For maximum reliability, storage and operation below 130°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.

### INSTALLATION

Recommended mounting methods: Bonding with thermal epoxy or soldering with metallized ceramics. For additional information, please refer to our TEC Installation Guide.

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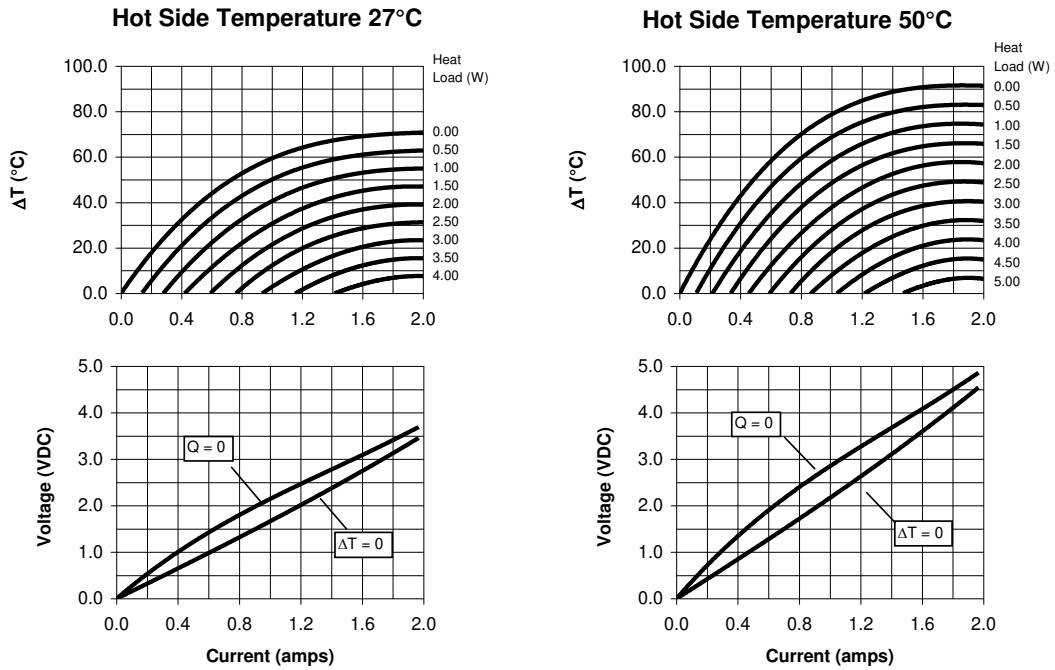
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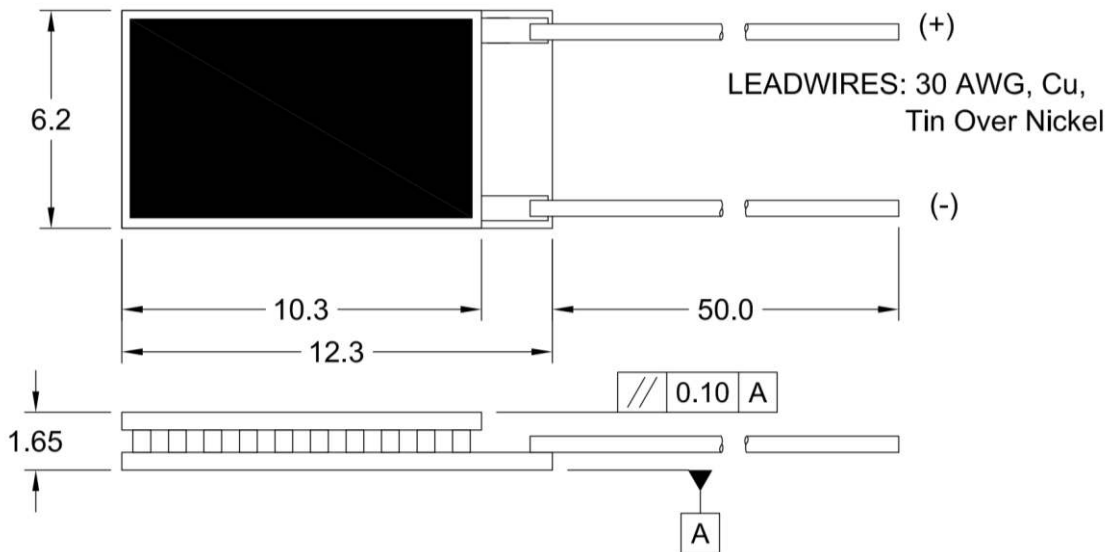
TYPICAL PERFORMANCE CURVES

ENVIRONMENT: ONE ATMOSPHERE DRY NITROGEN



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.

MECHANICAL CHARACTERISTICS



All dimensions are in millimeters unless otherwise stated.

For customer support or general questions please contact a local office or visit our website at [www.marlow.com](http://www.marlow.com).  
Marlow reserves the right to make product changes without notice.