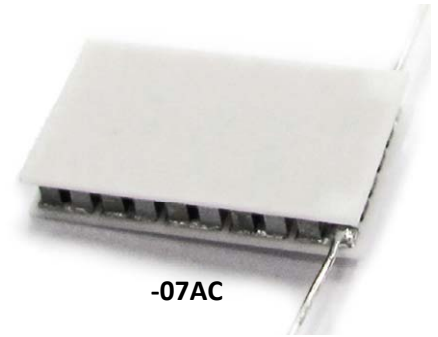
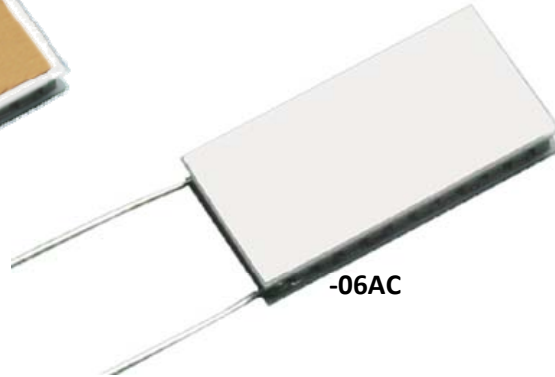
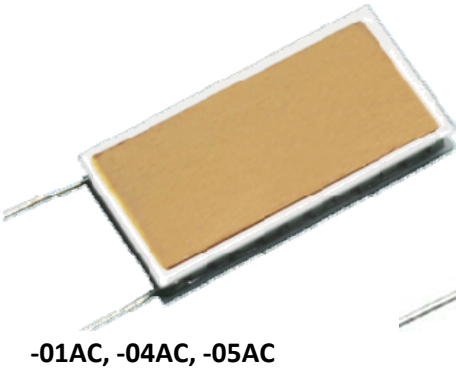




# Technical Data Sheet for CM29-1.9

## Commercial Module for CATV & SLED Applications



### PRODUCT FEATURES

- RoHS EU Compliant
- Rated operating temperature of 85°C.
- Maximum process temperature is 220°C.
- Ceramic Material: Aluminum Oxide
- -01AC: Au flash exterior, suitable for soldering.
- See page 2 for leadwire configurations.
- Minimum order quantity of 20 pieces.

### NOMINAL PERFORMANCE IN NITROGEN

Hot Side Temperature (°C)	27	85
Δ Tmax (°C):	71	92
Qmax (watts):	4.3	5.2
I <sub>max</sub> (amps):	1.9	1.8
V <sub>max</sub> (vdc):	3.5	4.4
AC Resistance (ohms):	1.54	--

### 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.

### INSTALLATION

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

### ORDERING OPTIONS

Model Number	Description
CM29-1.9-01AC	Top and Base Metallized Exterior
CM29-1.9-04AC	146°C Pretinned Top and Base Exterior
CM29-1.9-05AC	138°C Pretinned Top and Base Exterior
CM29-1.9-06AC	Bare Exterior
CM29-1.9-07AC	Bare Exterior

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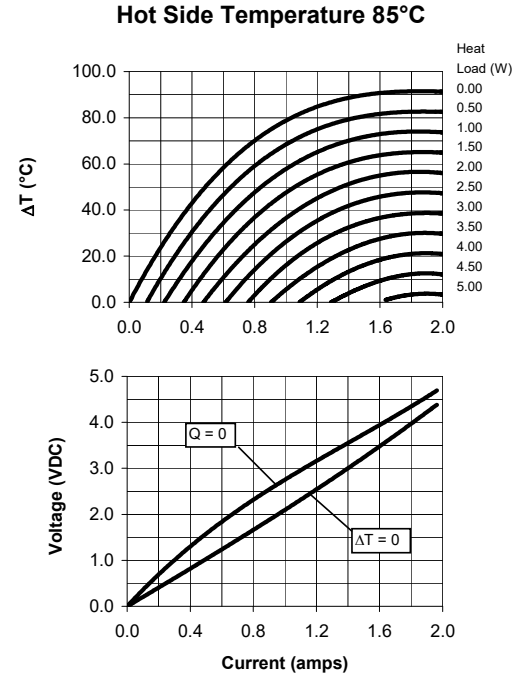
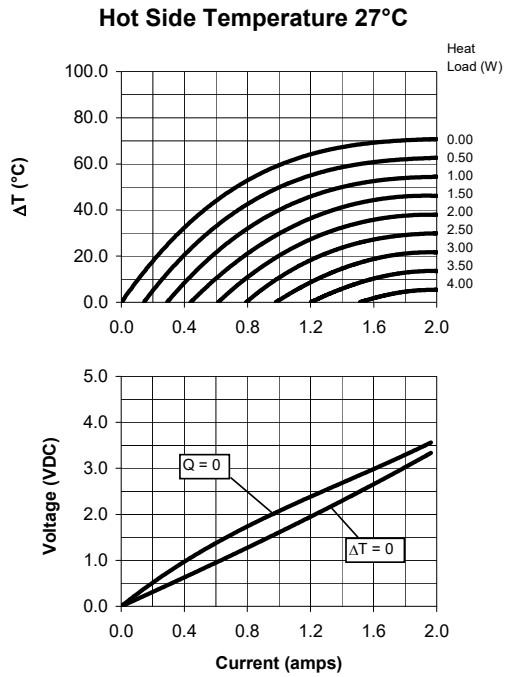
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II-VI Singapore Pte., Ltd.  
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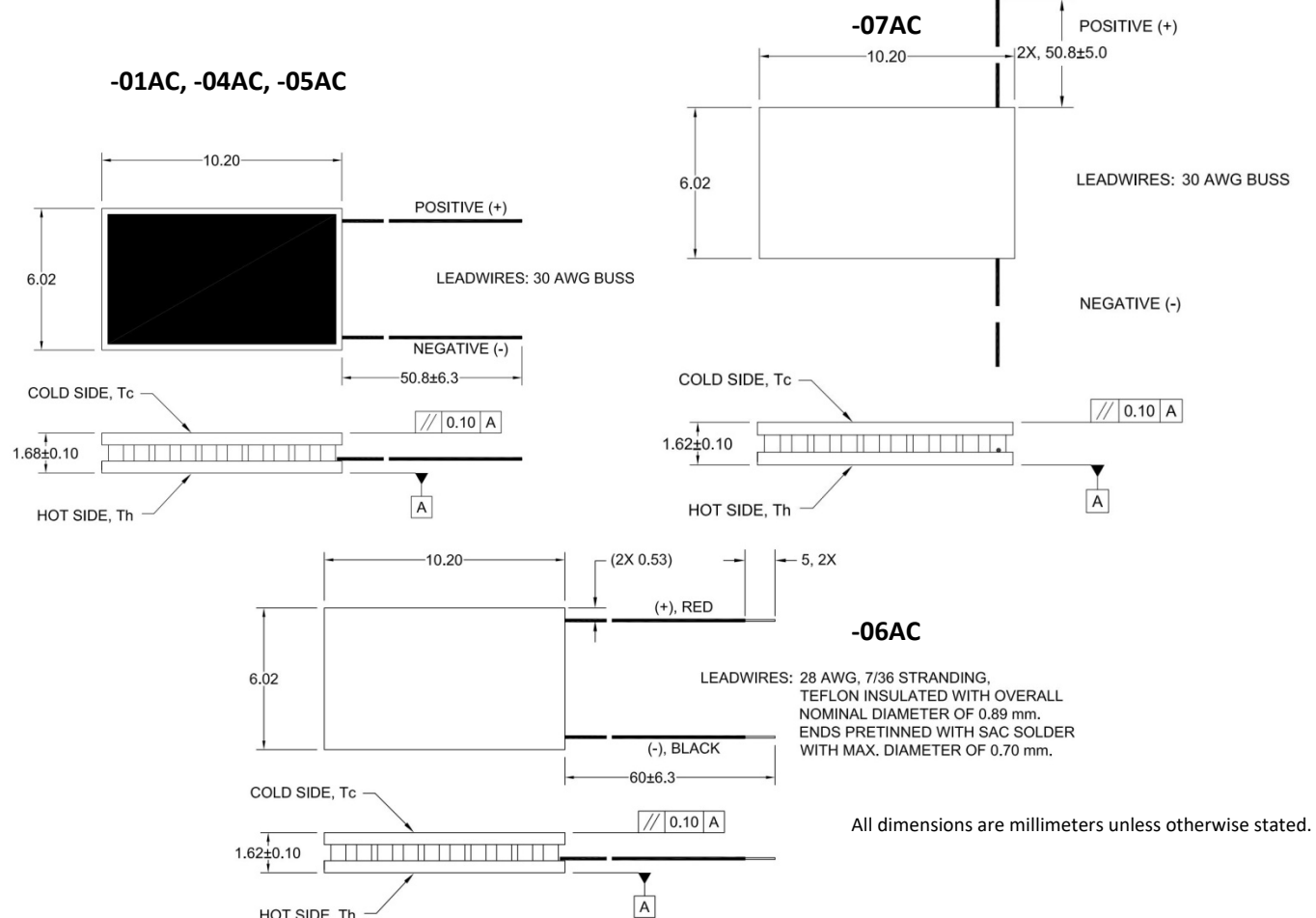
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**ENVIRONMENT: ONE ATMOSPHERE DRY NITROGEN**



For performance information in a vacuum or with hot side temperatures other than 27°C or 85°C, contact one of our Applications Engineers at 877-627-5691.



All dimensions are 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.