

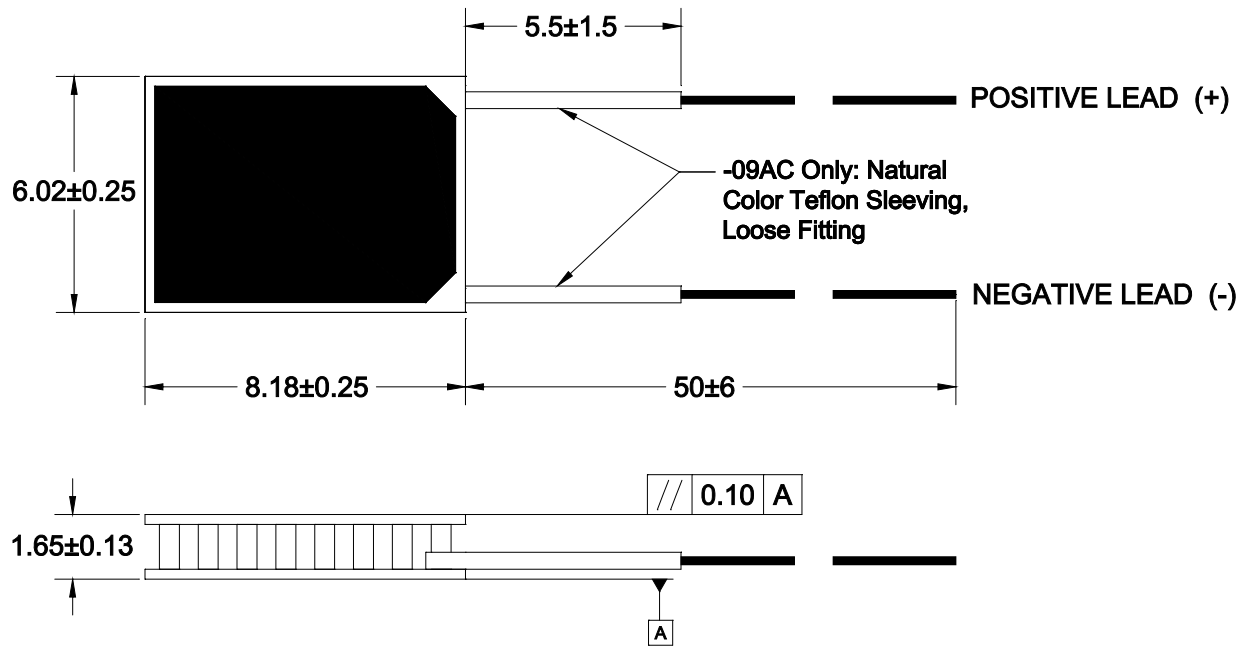
## CM23-1.9

Commercial Module for CATV & SLED Applications  
RoHS EU Compliant

### TYPICAL PERFORMANCE VALUES

Hot Side Temperature (°C)	27°C	85°C
Δ Tmax (°C-dry N <sub>2</sub> ):	71	92
Qmax (watts):	3.4	4.1
I <sub>max</sub> (amps):	1.9	1.8
V <sub>max</sub> (vdc):	2.8	3.5
AC Resistance (ohms):	1.23	--

### MECHANICAL CHARACTERISTICS



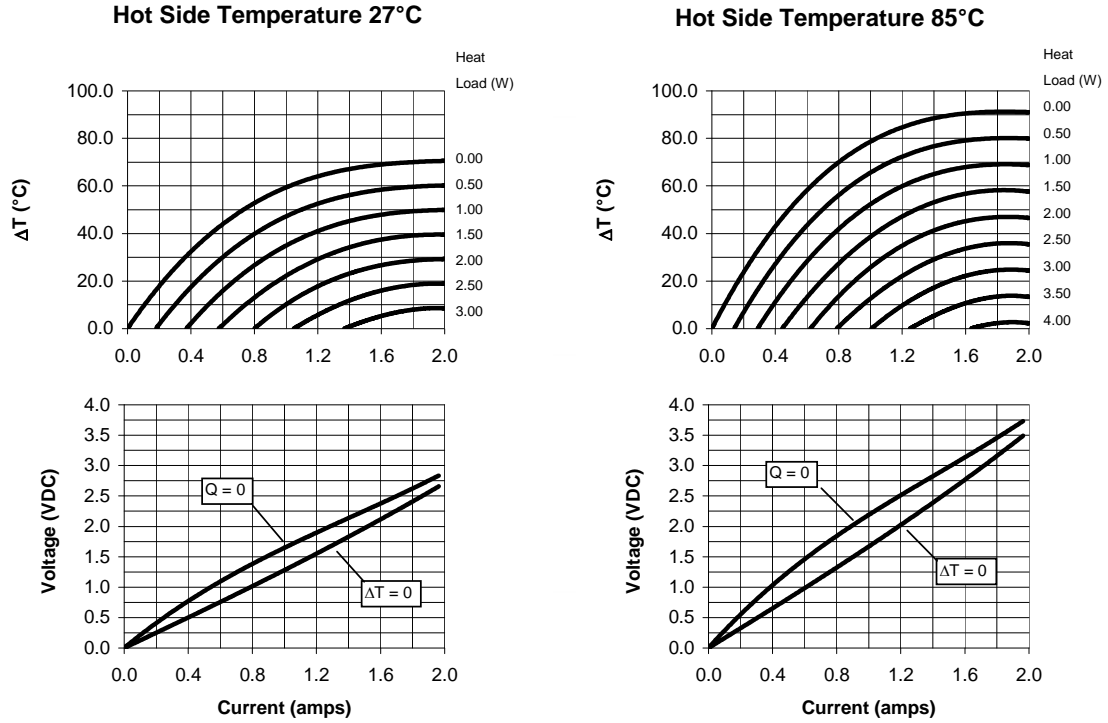
### ORDERING OPTIONS

Model Number	Description
CM23-1.9-01AC	Metallized Exterior
CM23-1.9-04AC	146°C Pretinned Exterior
CM23-1.9-05AC	138°C Pretinned Exterior
CM23-1.9-06AC	138°C /183°C Pretinned Exterior
CM23-1.9-07AC	138°C Pretinned Exterior and 2 sides encapsulated
CM23-1.9-08AC	118°C /183°C Pretinned Exterior
CM23-1.9-09AC	118°C /183°C Pretinned Exterior with Teflon Sleeving.

### PRODUCT FEATURES

- RoHS 2002/95/EC Compliant.
- CM23-1.9-06AC, -08AC and -09AC are not RoHS Compliant.
- All dimensions are millimeters.
- Marlow reserves the right to make product changes without notice.
- Au flash exterior, suitable for soldering.
- AIO ceramics
- Minimum order quantity of 20 pieces.
- Maximum process temperature is 220°C.

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.

**Installation**

Recommended mounting methods: Bonding with thermal epoxy or soldering with metallized ceramics. 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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