



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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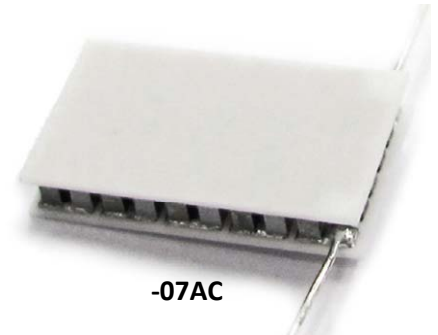
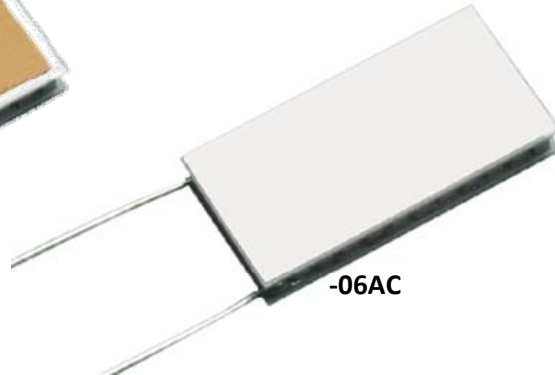
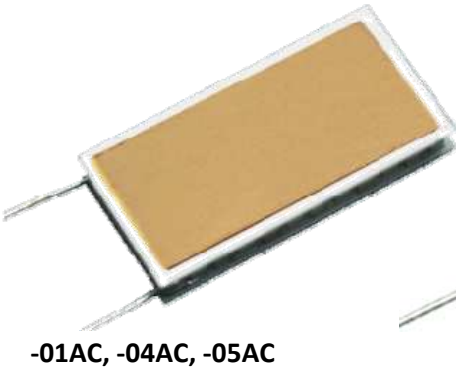
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Technical Data Sheet for CM29-1.9

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 _{max} (amps):	1.9	1.8
V _{max} (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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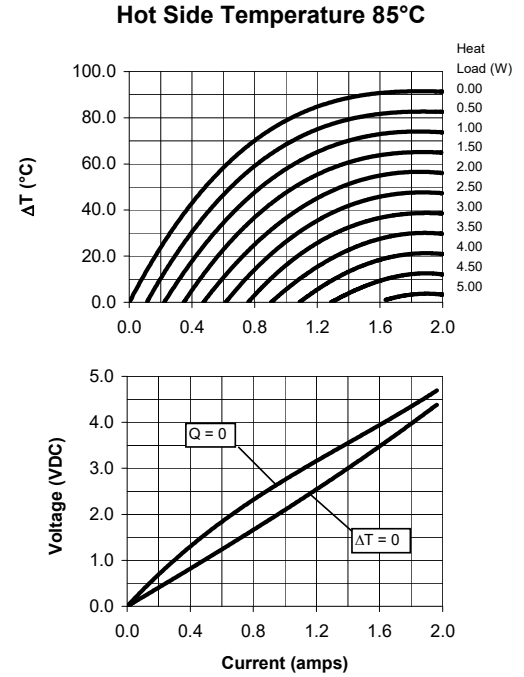
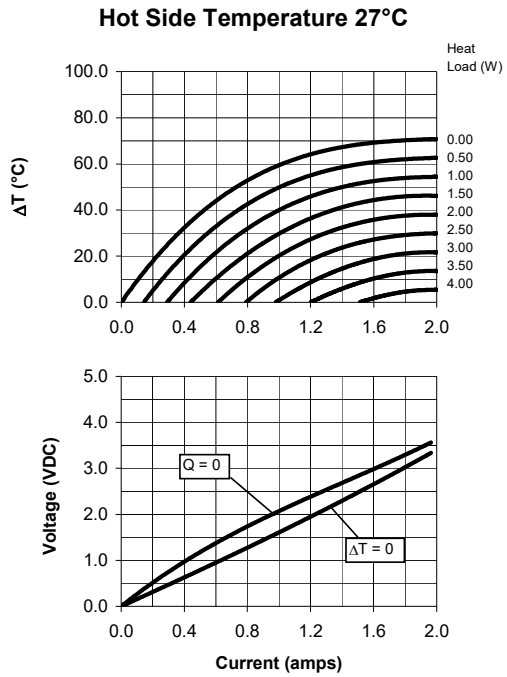
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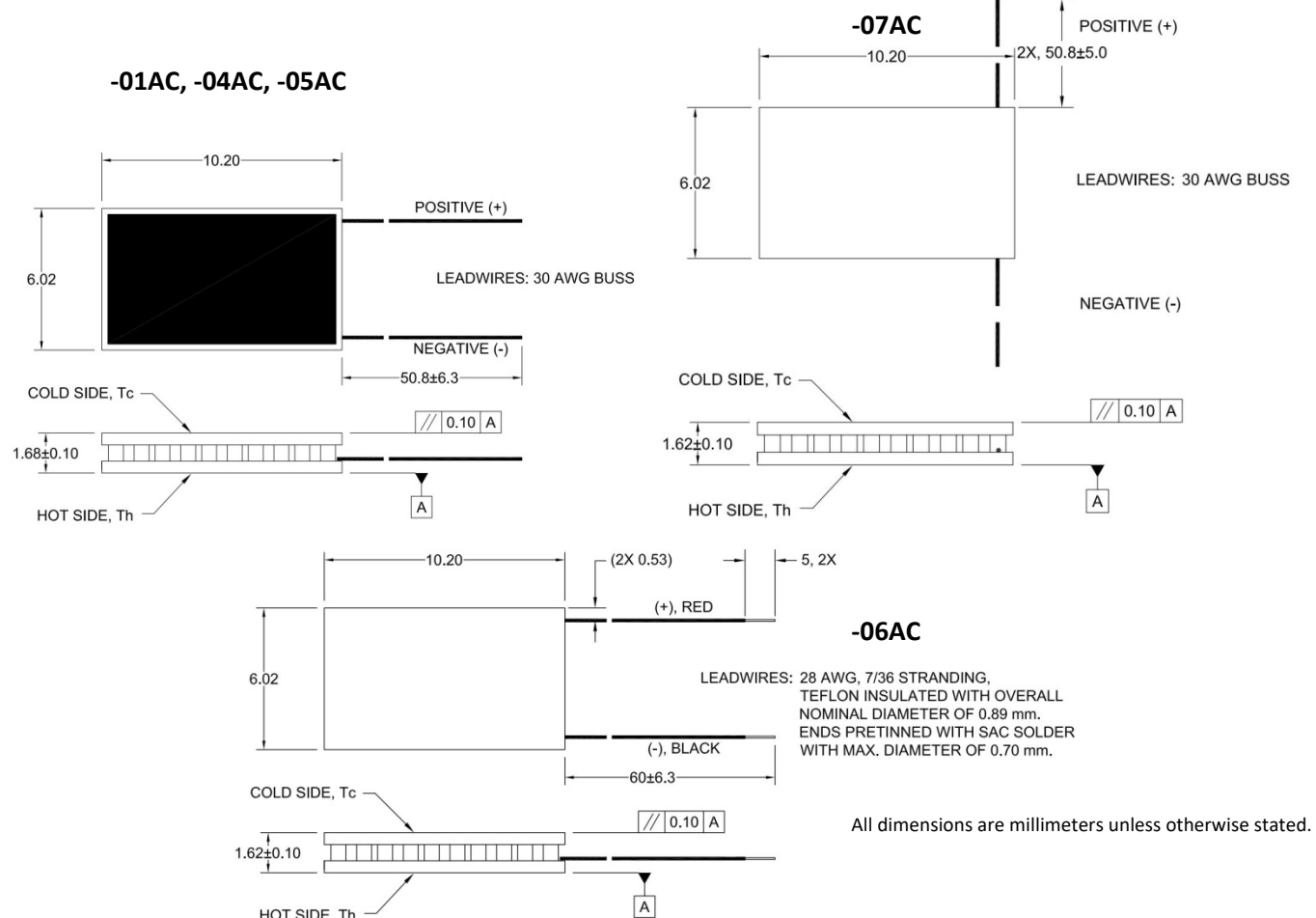
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ENVIRONMENT: ONE ATMOSPHERE DRY NITROGEN



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. Marlow reserves the right to make product changes without notice.