

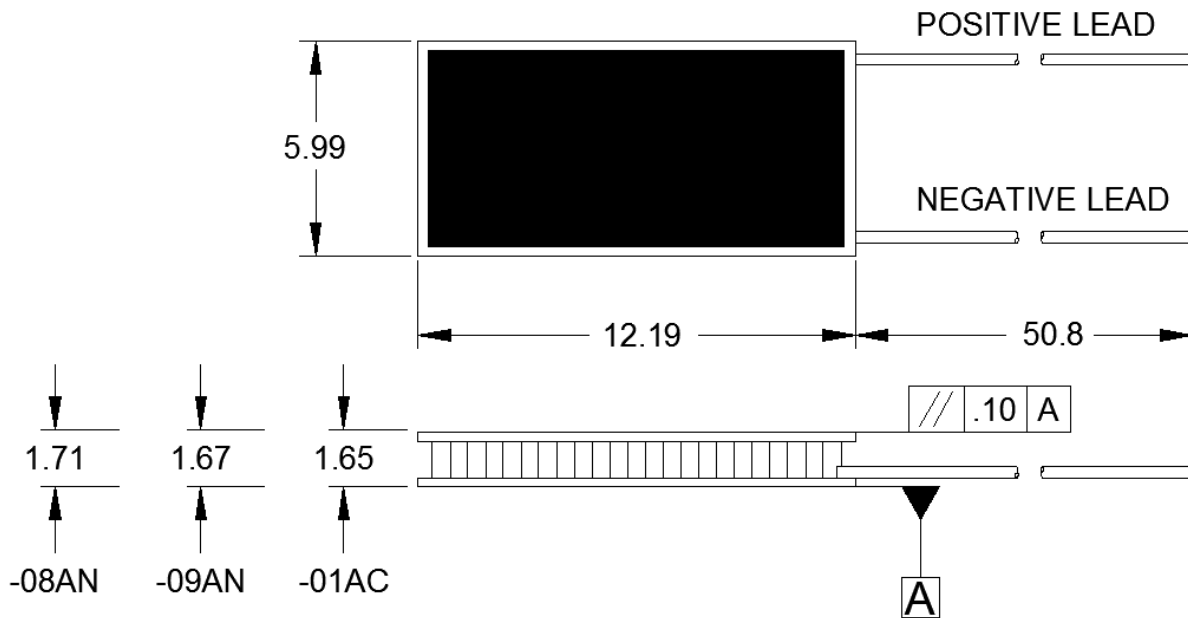
CM35-1.9

Commercial Module for CATV & SLED Applications
RoHS EU Compliant

TYPICAL PERFORMANCE VALUES

| | | |
|--|------|------|
| Hot Side Temperature (°C) | 27°C | 85°C |
| ΔT_{max} (°C-dry N ₂): | 71 | 92 |
| Q _{max} (watts): | 5.2 | 6.2 |
| I _{max} (amps): | 1.9 | 1.8 |
| V _{max} (vdc): | 4.2 | 5.3 |
| AC Resistance (ohms): | 1.87 | --- |

MECHANICAL CHARACTERISTICS



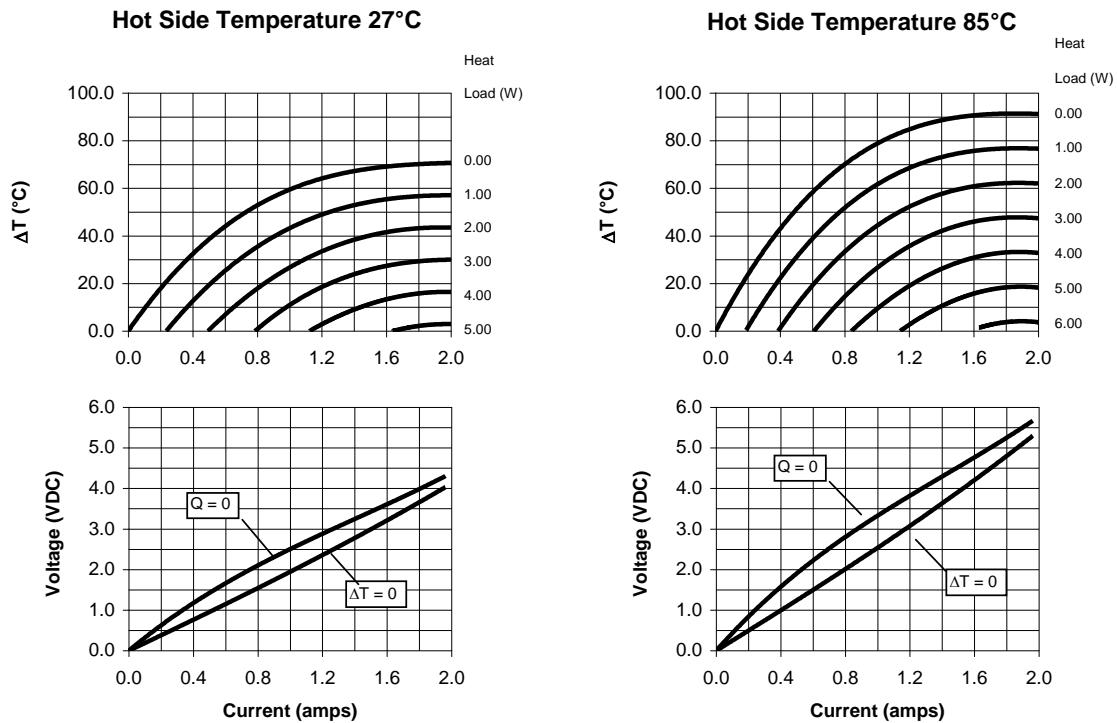
ORDERING OPTIONS

| Model Number | Description |
|---------------|---------------------------|
| CM35-1.9-01AC | Metallized Exterior |
| CM35-1.9-04AC | 146°C Pretinned Exterior |
| CM35-1.9-05AC | 138°C Pretinned Exterior |
| CM35-1.9-06AC | 183°C Pretinned Exterior |
| CM35-1.9-07AC | 117°C Pretinned Exterior |
| CM35-1.9-08AN | Metallized Exterior |
| CM35-1.9-09AN | No Exterior Metallization |

PRODUCT FEATURES

- -01AC, -04AC, -05AC, -07AC, -08AN, -09AN RoHS EU Compliant.
- All dimensions are millimeters.
- All values are nominal values.
- Marlow reserves the right to make product changes without notice.
- Au flash exterior, suitable for soldering.
- AIO and ALN 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.

Marlow Industries, Inc.
 10451 Vista Park Road
 Dallas Texas 75238-1645
 214-340-4900 (tel)
 214-341-5212 (fax)
 877-627-5691 (tech support)
www.marlow.com

Marlow Industries Europe GmbH
 Brunnenweg 19-21
 64331 Weiterstadt
 Germany
 Tel.: +49 (0) 6150 5439 - 403
 Fax: +49 (0) 6150 5439 - 400
info@marlow-europe.eu

II-VI Japan Inc.
 WBG Marive East 17F
 2-6 Nakase, Mihama-ku
 Chiba-Shi, Chiba 261-7117
 Japan
 81 43 297 2693 (tel)
 81 43 297 3003 (fax)
center@ii-vi.co.jp
www.ii-vi.co.jp

II-VI Singapore Pte., Ltd.
 Blk. 5012, Techplace II
 #04-07 & 05-07/12, Ang Mo Kio Ave. 5
 Singapore 569876
 (65) 6481 8215 (tel)
 (65) 6481 8702 (fax)
info@ii-vi.com.sg
www.ii-vi.com.sg

Marlow Industries China, II-VI
 Technologies Beijing
 A subsidiary of II-VI Incorporated
 Rm 202, 1# Lize 2nd Middle Road
 Wangjing, Chaoyang District
 Beijing 100102 China
 010-64398226 ext 105 (tel)
 010-64399315 (fax)
info@iivibj.com