

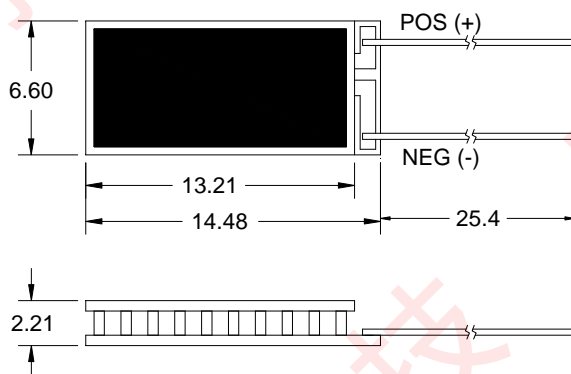
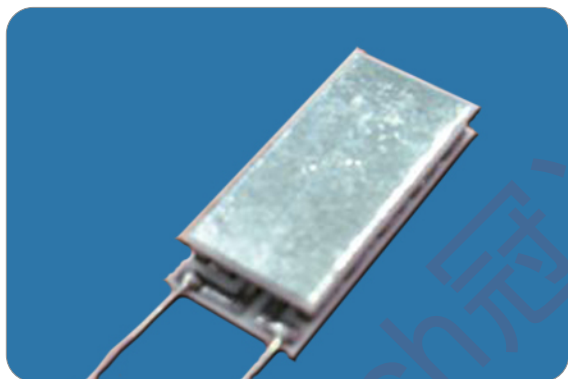


marlow industries, inc.®  
Subsidiary of II-VI INCORPORATED

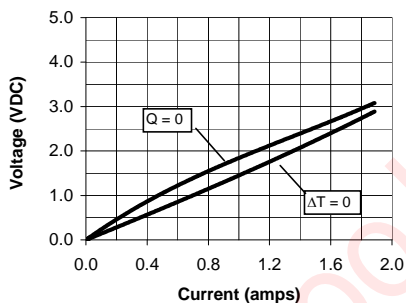
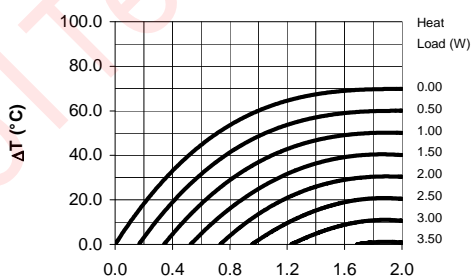
# TECHNICAL DATA SHEET

## Commercial Module for CATV & SLED Applications

### CM25-1.8

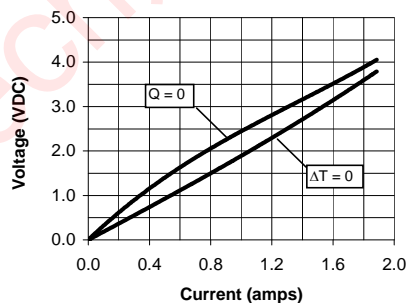
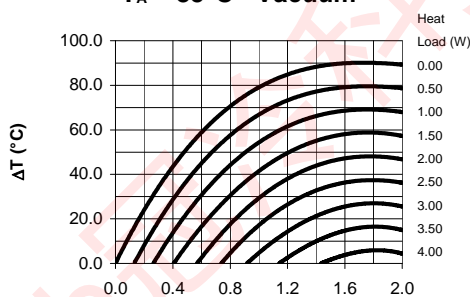


**T<sub>A</sub> = 27°C - Vacuum**



TYPICAL PERFORMANCE	
Environment : Vacuum	
T <sub>A</sub> (C) :	27
V <sub>MAX</sub> (VDC) :	3
Δ T <sub>MAX</sub> (C) :	70
I <sub>MAX</sub> (amps) :	1.8
Q <sub>MAX</sub> (W) :	3.5
ACR (Ω) :	1.39

**T<sub>A</sub> = 85°C - Vacuum**



TYPICAL PERFORMANCE	
Environment : Vacuum	
T <sub>A</sub> (C) :	85
V <sub>MAX</sub> (VDC) :	3.7
Δ T <sub>MAX</sub> (C) :	91
I <sub>MAX</sub> (amps) :	1.7
Q <sub>MAX</sub> (W) :	4.2
ACR (Ω) :	-

#### ORDERING OPTIONS

Model Number	Description
CM25-1.8-01AC	Metallized Exterior
CM25-1.8-04AC	149°C Pretinned Exterior
CM25-1.8-05AC	118°C Pretinned Exterior

#### NOTES:

- RoHS 2002/95/EC 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.
- AlO ceramics
- Minimum order quantity of 20 pieces.
- Maximum process temperature is 220°C.

#### CONTACT US:

For customer support or general questions please contact a local office below or consult our website for distributor information.

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