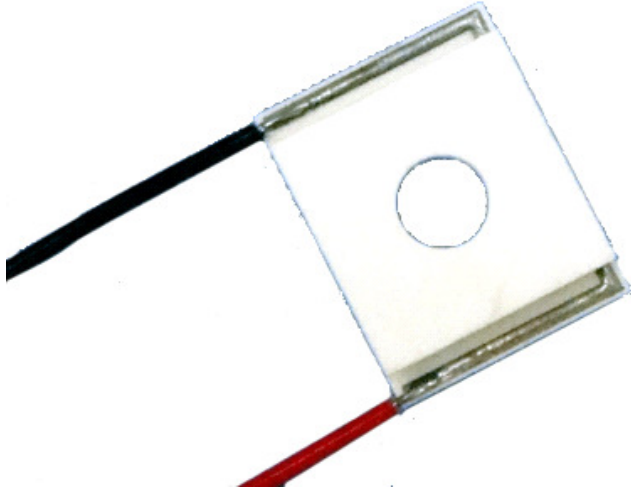




Technical Data Sheet for NL1507

Single-Stage Thermoelectric Module



NOMINAL PERFORMANCE IN NITROGEN

Hot Side Temperature (°C)	27	50
ΔT_{max} (°C):	64	72
Qmax (watts):	5.4	6.2
I _{max} (amps):	1.8	1.8
V _{max} (vdc):	4.7	5.4
AC Resistance (ohms):	2.30	--

PRODUCT FEATURES

- RoHS EU Compliant
- Rated operating temperature of 85°C
- Maximum processing temperature of 220°C
- Ceramic Material: Aluminum Oxide.

ORDERING OPTIONS

Model Number	Description
NL1507-03AC	4mm Thru Hole
NL1507-04AC	4mm Thru Hole, Inspected for Alignment

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.

II-VI Marlow – Dallas, TX USA
214-340-4900
877-627-5691
marlow.sales@ii-vi.com

Marlow Industries Europe
GmbH - Germany
+49 (0) 6150 5439 - 403
info@marlow-europe.eu

II-VI Japan Inc.
81 43 297 2693 (tel)
center@ii-vi.co.jp
www.ii-vi.co.jp

II-VI Singapore Pte., Ltd.
(65) 6481 8215 (tel)
info@ii-vi.com.sg

Marlow Industries China, II-VI
Technologies Beijing
86-10-643 98226
info@iivbj.com

