FEATURES & BENEFITS
• Compact size
• 3.5 CFM air flow

INCLUDED IN
• WEV301 Thermal Management Accessory Kit
• WEV302 Thermal Management Accessory Kit

GENERAL DESCRIPTION:
The WXC303 (+5V) and WXC304 (+12V) fan accessories mount directly to the WHS302 Heatsink using two, 1” 4-40 screws. Each fan is 30x30x10mm and produces 3.5 CFM of air flow.

USED WITH
• LDTCxx20 & LDTC2/2 Series Integrated Temperature and Laser Diode Controllers
• WHY5640 Temperature Controller & WHY5690 Evaluation Board
• WLD3343 Series Laser Diode Drivers & WLD3393 Evaluation Board
• WTC3243 Series Temperature Controllers & WTC3293 Evaluation Board
• WTCP5V5A Temperature Controller & WTCPEVAL Evaluation Board

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ORDERING INFORMATION

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<td>WXC303</td>
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SAFE OPERATING AREA

TO DETERMINE IF THE FAN AND/OR HEATSINK IS REQUIRED IN YOUR APPLICATION, IT IS IMPERATIVE THAT YOU VERIFY THE UNIT WILL BE OPERATING WITHIN THE INTERNAL HEAT DISSIPATION SAFE OPERATING AREA (SOA).

Visit the Wavelength Electronics website for the most accurate, up-to-date, and easy to use SOA calculator.

The SOA calculator for Laser Diode Drivers is at this page: http://www.teamwavelength.com/support/calculator/soa/soald.php


ASSEMBLY INSTRUCTIONS

Refer to Figure 1.

1. Clean All Surfaces where the WTW002 Thermal Washer will contact.
2. Apply the WTW002 Thermal Washer (adhesive side) to the WHS302 Heat Sink surface, aligning the thermal washer holes with the heatsink holes.
3. Secure the WHS302 Heatsink and the WXC303 or the WXC304 Fan (if fan is used) to PDIP14 Package with two screws.

Screws: 4-40 PHPH x 0.75" w/o FAN, x 1" w/ FAN
Torque less than 1.2 lb-ft (1.6 Nm)

Mechanical specifications for the fan are shown in Figure 2.

Figure 1. WXC303 or WXC304 Assembled with WHS302 Heatsink and PDIP14 Package

Figure 2. WXC303-304 Fan Dimensions
CERTIFICATION AND WARRANTY

CERTIFICATION

Wavelength Electronics, Inc. (Wavelength) certifies that this product met its published specifications at the time of shipment. Wavelength further certifies that its calibration measurements are traceable to the United States National Institute of Standards and Technology, to the extent allowed by that organization’s calibration facilities, and to the calibration facilities of other International Standards Organization members.

WARRANTY

This Wavelength product is warranted against defects in materials and workmanship for a period of one (1) year from date of shipment. During the warranty period, Wavelength will, at its option, either repair or replace products which prove to be defective.

WARRANTY SERVICE

For warranty service or repair, this product must be returned to the factory. An RMA is required for products returned to Wavelength for warranty service. The Buyer shall prepay shipping charges to Wavelength and Wavelength shall pay shipping charges to return the product to the Buyer upon determination of defective materials or workmanship. However, the Buyer shall pay all shipping charges, duties, and taxes for products returned to Wavelength from another country.

LIMITATIONS OF WARRANTY

The warranty shall not apply to defects resulting from improper use or misuse of the product or operation outside published specifications. No other warranty is expressed or implied. Wavelength specifically disclaims the implied warranties of merchantability and fitness for a particular purpose.

EXCLUSIVE REMEDIES

The remedies provided herein are the Buyer’s sole and exclusive remedies. Wavelength shall not be liable for any direct, indirect, special, incidental, or consequential damages, whether based on contract, tort, or any other legal theory.

REVERSE ENGINEERING PROHIBITED

Buyer, End-User, or Third-Party Reseller are expressly prohibited from reverse engineering, decompiling, or disassembling this product.

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