

PCN# 2023062902

Heat Sink Change
on:

MityCCD Cameras

Date: June 29, 2023

To: Purchasing Agents

Dear Customer,

This is an initial announcement of a change to a product that is currently offered by Critical Link. The details of this change are on the following pages.

For questions regarding this notice, contact info@criticallink.com.

Sincerely,

Critical Link, LLC

Phone: (315) 425-4045

Fax: (315) 425-4048



PCN Number: 2023062902

PCN Date: June 29, 2023

Title: Replacement of Heat Sink on MityCCD Cameras

Contact: info@criticallink.com

Phone:(315) 425-4045

Ship Date: July – Sept 2023

Overview

Changes to MityCCD cameras are identified in the following sections.

1 Replacement Heat Sink Design

1.1 Description of Change

A new heat sink is going to be used on all MityCCD cameras moving forward.

1.2 Reason for Change

The original heat sink is obsolete and no longer available.

1.3 Anticipated Impact on Form, Fit, Function (positive / negative)

The replacement heat sink is designed to be a drop-in replacement for the original design. The pin-fin design of the replacement heatsink provides excellent heat transfer. Performance comparison tests with the replacement and original plate-fin heat sink were performed at Critical Link and no significant difference in cooling capability between the two heat sinks was observed.

There is no impact to fit and function of the MityCCD cameras.

The Form of the cameras is minimally different due to the use of the replacement pin-fin heatsink design. Please see images below for reference.

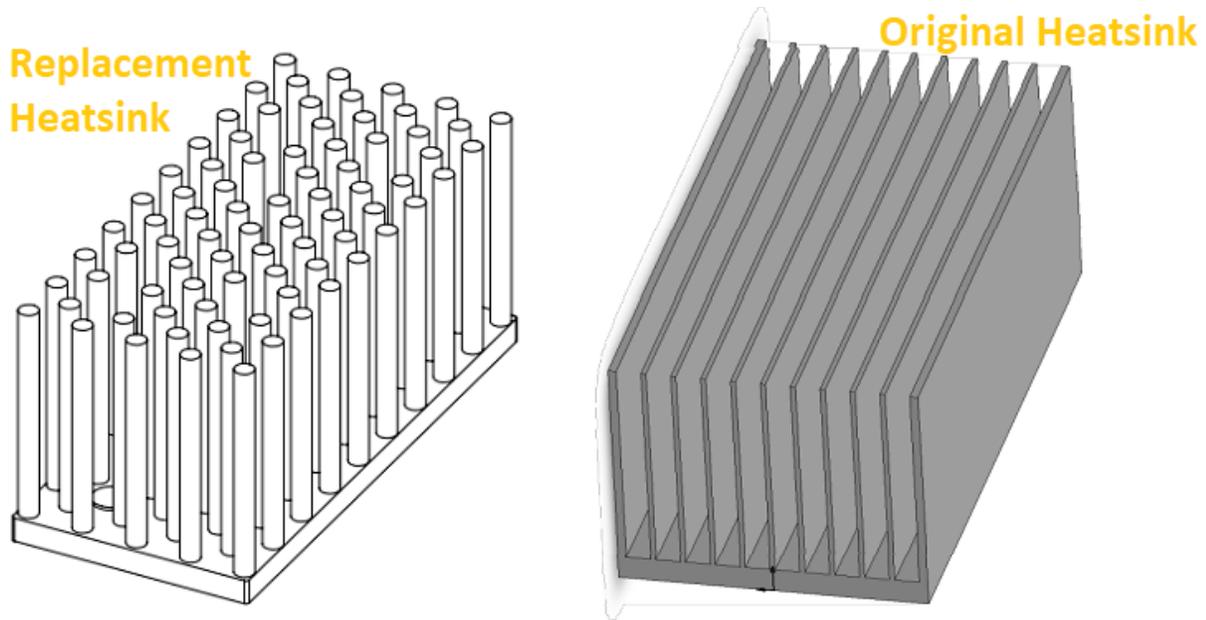


Figure 1: Comparison of the heatsink components.



Figure 2: Comparison of the assembled cameras.

1.4 Anticipated Impact on Quality or Reliability (positive / negative)

None

2 Products Affected

Details regarding the full revision history can be found in the MityCCD Revision History section on the Critical Link support site.

Table 1: Products Affected

Model Number
80-000890-2 Assembly, Enclosed Body, MityCCD-SU256LSB-DAB, including package 80-000715-1
80-000807-1 Assembly, MityCCD, Back-Illuminated, 1024 x 250, Enclosed, Window, MityCCD-H70311008-DS, including package 80-000627-1
80-000816-2 Assembly, MityCCD, Back-Illuminated, 2048 x 250, Enclosed, Window, MityCCD-H10141 1108-DS
80-000559-2 Assembly, Enclosed Body, MityCCD-H101411107-DS
80-000914-2 Assembly, Enclosed Body, MityCCD-H70311007-DS-LE, including packages 80-000398-1, 80-000930-2, and 80-001671-1
80-001392-2 Assembly, MityCCD, S11850, Split Flange

3 Document Revision History

Date	Version	Change Description
06/29/2023	1.0	Initial Version