

From: Michael Miller

To: Nimesh Sangani

Date: December 03, 2020

Subject: Additional Information Request

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Message:

Question: "Is the Nitinol metal hinge activating successfully solely a function of exposure to the space environment, or is there an electrical component?"

Answer:

There is no electrical component in the hinge. The Nitinol metal hinge is memory metal, and when the folded spacecraft is released from the deployer, in the absence of a restraining force, the hinge unfolds to the open, retained memory shape