

ENGINEERING PRACTICE STUDY

TITLE: MS24168 changing Table I. PIN's and general characteristics. Maximum weight (pounds) for MS24168-D1.

04 March 2021

STUDY PROJECT (SEE ATTACHMENT 1)

FINAL REPORT

Study Conducted by DLA Land and Maritime

Project Number: 5945-2021-003

Prepared by:

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I. OBJECTIVES: This engineering practice study is being conducted to determine the acceptability of changing Table I. PIN's and general characteristics. Maximum weight (pounds) for MS24168-D1 from 3.4 pounds to 3.6 pounds.

II. BACKGROUND: At this time, the Specification states a maximum weight requirement that is not obtainable for the manufacturing source.

Questions needing answers are:

1. Are other manufacturers able to achieve existing MS24168-D1 maximum weight requirement of 3.4 pounds?
2. How does changing the maximum weight requirement impact the relay's form, fit, or function?

III. RESULTS: The document was reviewed and a DoD position determined. A survey letter was sent to all QPL manufacturers and document custodians/reviewers. The response concurred with the proposal to change Table I. PIN's and general characteristics. Maximum weight (pounds) for MS24168-D1 from 3.4 pounds to 3.6 pounds.

IV. CONCLUSIONS: It was determined that DLA Land and Maritime adopt the proposal to change Table I. PIN's and general characteristics. Maximum weight (pounds) for MS24168-D1 from 3.4 pounds to 3.6 pounds.

V. RECOMMENDATIONS: The document received concurrence to change Table I. PIN's and general characteristics. Maximum weight (pounds) for MS24168-D1 from 3.4 pounds to 3.6 pounds.