

INCH-POUND

MIL-DTL-28840E
9 April 2019
SUPERSEDING
MIL-DTL-28840D
w/AMENDMENT 1
18 July 2017

DETAIL SPECIFICATION

CONNECTORS, ELECTRICAL, CIRCULAR, THREADED, HIGH SHOCK,
HIGH DENSITY, SHIPBOARD, CLASS D, GENERAL SPECIFICATION FOR

This specification is approved for use by all
Departments and Agencies of the Department of Defense.

1. SCOPE

1.1 Scope. This specification covers circular electrical connectors with removable crimp type, front release contacts. These connectors are for use with jacketed cables in shipboard applications.

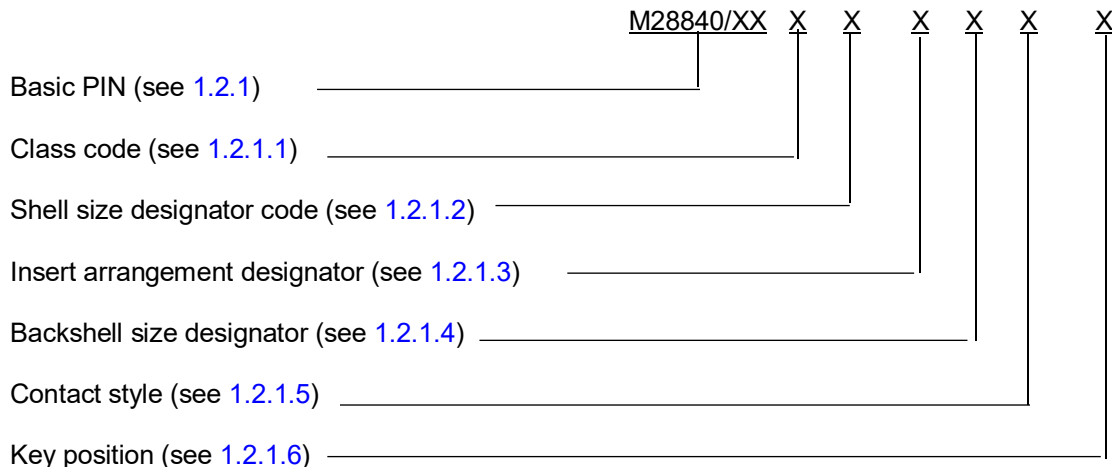
1.1.1 Temperature. These connectors are rated for specified operation within a temperature range of -55° C (-67° F) to 200° C (392° F), or as specified herein (see 3.3.5.1 and table I). The upper temperature is the maximum internal hot-spot temperature resulting from any combination of electrical load and ambient conditions.

1.1.1.1 Insulation resistance. Insulation resistance limits vary with temperature (see figure 1).

1.1.1.2 Service life. Service life varies with temperature (see figure 2 and table I).

1.2 Classification.

1.2.1 Part or Identifying Number (PIN). The connector PIN for qualified connectors procured in accordance with this specification is the letter "M", the basic number of the applicable specification sheet and the applicable alphanumeric characters formulated as in the following example:



Comments, suggestions, or questions on this document should be addressed to DLA Land and Maritime-VAI, P.O. Box 3990, Columbus OH 43218-3990, or emailed to CircularConnector@dla.mil. Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <https://assist.dla.mil>.

AMSC N/A

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