

INCH-POUND

MIL-DTL-32689/2
w/AMENDMENT 2
14 March 2024

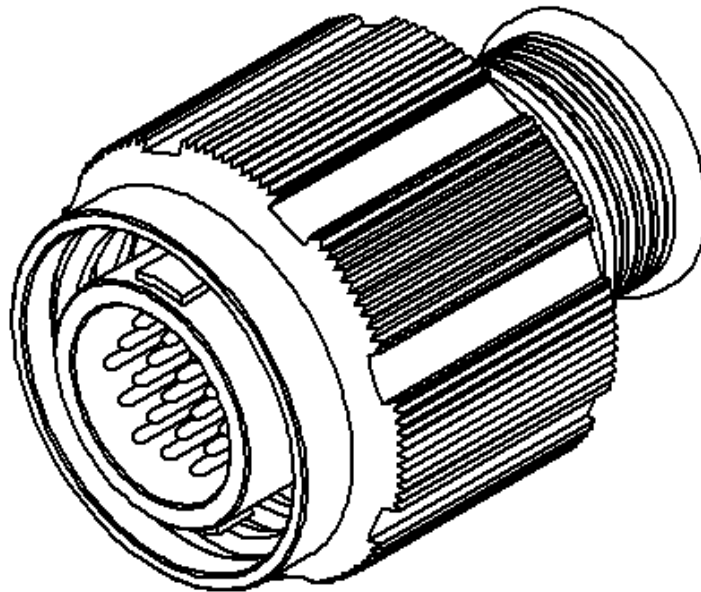
SUPERCEEDING
MIL-DTL-32689/2
w/AMENDMENT 1
28 July 2022

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, PLUG, STRAIGHT, TRI-START THREADED, REMOVABLE CRIMP CONTACTS

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

The requirements for acquiring the product described herein
shall consist of this specification sheet and MIL-DTL-32689.

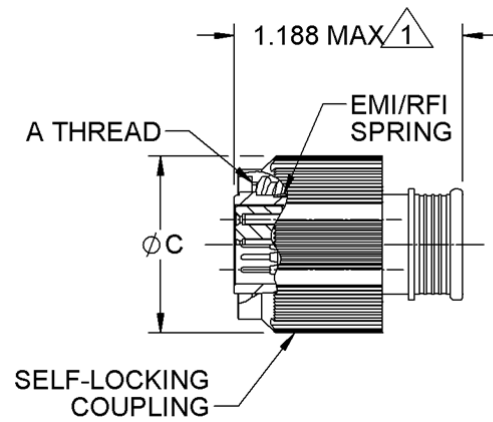


Isometric view of plug with integral banding platform

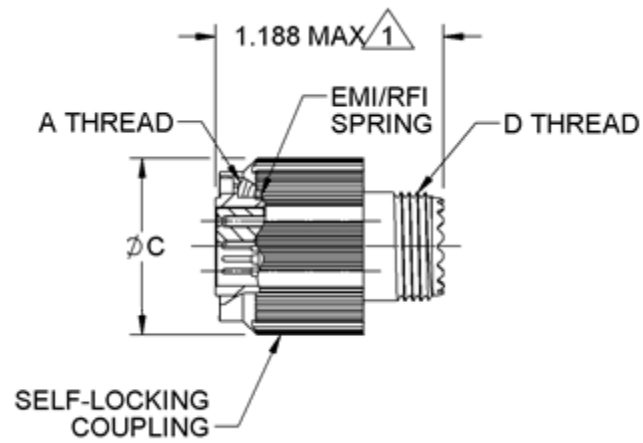
FIGURE 1. Plug, straight.



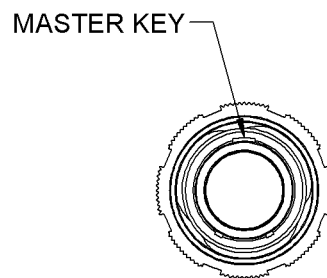
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Plug with integral banding platform



Plug with rear accessory threads



Plug master key.

FIGURE 1. Plug, straight – Continued.

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Shell size	C dia nominal OD over pattern $\pm .005$
08	.691
09	.787
10	.826
11	.925
12	.982
15	1.105
18	1.275
19	1.310
23	1.562
A and D thread: see base specification	

NOTES:

1. Total connector length. Furthest feature (for the front face of the connector) varies based on shell size. The shell barrel extends furthest on smaller shell sizes. For larger shell sizes, the coupling nut extends furthest. Differences are small (a few thousandths of an inch). The furthest feature is used for this requirement.
2. Dimensions are in inches.
3. For connector front and rear configuration details, see MIL-DTL-32689.

FIGURE 1. Plug, straight – Continued.

REQUIREMENTS:

Dimensions and configurations: See figure 1.

Interface dimensions shall be in accordance with MIL-DTL-32689.

Part or Identifying Number (PIN) example:

M32689/2 - 1 E 08 - 07 P A

<u>M32689/2</u>	"M" prefix, base spec number, "/", and specification sheet number
<u>1</u>	Shell style
<u>E</u>	Class
<u>08</u>	Shell size (two digits, zero pad if single digit)
<u>07</u>	Insert arrangement (two digits, zero pad if single digit)
<u>P</u>	Contact style
<u>A</u>	Polarization
<u>H</u>	Jam Nut Style

Referenced documents. This document references MIL-DTL-32689.

Amendment notations. The margins of this specification are marked with vertical lines to indicate modifications generated by this amendment. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are

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cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations.

CONCLUDING MATERIAL

Custodians:

Army – CR

Navy - AS

Air Force – 85

DLA - CC

Preparing activity:

DLA - CC

(Project 5935-2024-086)

Review activities:

Navy - EC, SH

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>.