

**INCH-POUND**

MS51115B

10 March 2008

SUPERSEDING

MS51115A

07 July 1967

DETAIL SPECIFICATION SHEET

COIL, IGNITION-24 VOLT DC (WITHOUT INTERNAL BALLAST)

Inactive for new design after 31 October 2003.

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-D-13791.

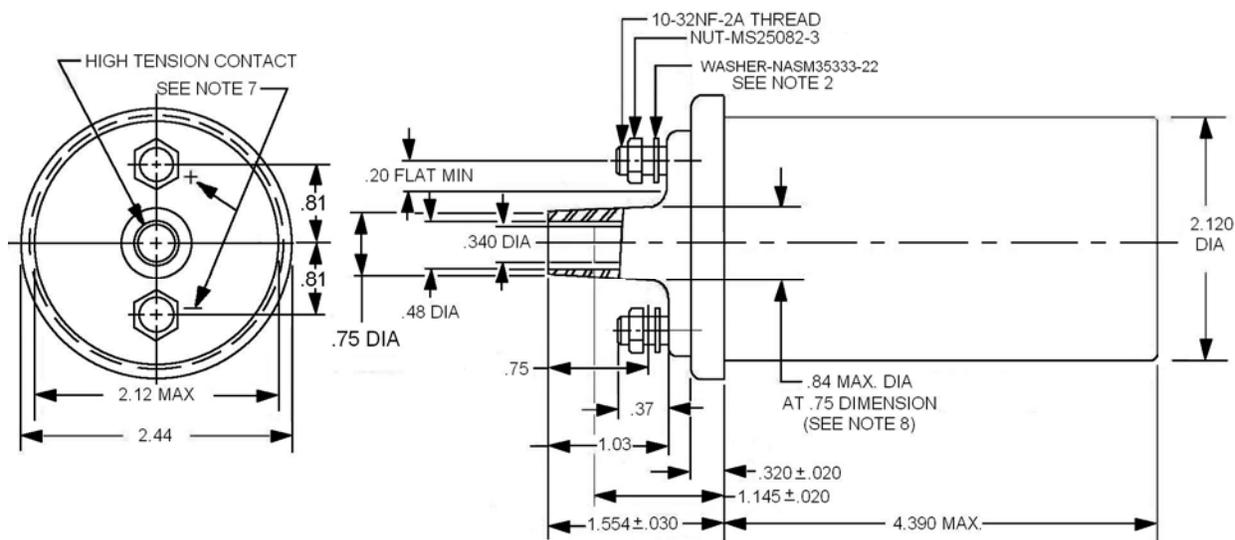


FIGURE 1. Coil, ignition dimensions and configurations.

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Inches	mm	Inches	mm
.020	0.51	.81	20.6
.030	0.77	.84	21.3
.20	5.0	1.03	26.2
.320	8.13	1.145	29.08
.340	8.64	1.554	39.22
.37	9.4	2.12	53.8
.48	12.2	2.120	53.85
.75	10.0	2.44	62.0
		4.390	111.51

## NOTES:

1. This oil filled coil is designed for use with an external ballast resistance in distributors conforming to referenced specification.
2. Manufacturer's design will be acceptable in place of washer NASM35333 if interchangeability and function are not affected.
3. Dimensions are in inches. Metric equivalents are given for information only. Unless otherwise specified, tolerances are  $\pm .01$  on 2 place decimals and  $\pm .005$  on 3 place decimals.
4. Threads shall be in accordance with screw thread standards ASME B1.1 or FED-STD-H28.
5. This standard takes precedence over documents referenced herein.
6. Referenced documents shall be of the issue in effect on date of invitation for bid.
7. Marking: terminal polarity shall be clearly and permanently identified adjacent to the terminal. The MS Part or Identifying Number (PIN) shall be applied to the part in accordance with MIL-STD-130.
8. This standard is not intended to limit construction to features other than as shown hereon by dimensions, notations and referenced documents. Tower must be maintained within all specified limits, regardless of form.

FIGURE 1. Coil, ignition dimensions and configurations - Continued.

Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Referenced documents. In addition to MIL-D-13791, this document references the following:

ASME B1.1  
 FED-STD-H28  
 MIL-STD-130  
 NASM35333

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CONCLUDING MATERIAL

Custodians:

Army - AT  
Navy - SH  
DLA - CC

Preparing activity:

DLA - CC

Review activities:

Navy - MC, SA

(Project 2920-2007-004)

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 <http://assist.daps.dla.mil>.