

DIMENSIONS ARE IN INCHES

NOTES:

1. FOR SELECTION OF TYPES AND ASSEMBLY LENGTHS, SEE MS51011.
2. CONDUIT: O.D., .430 ± .010, I.D., .281 ± .015, MIL-C-13909, TYPE 1, GRADE B, WITH SINGLE LAYER, TWO-OVER-TWO WEAVE, BRAID.
3. IGNITION WIRE, MIL-C-3702, TYPE 1, GRADE B, CLASS 3, 5MM SIZE.
4. SOLDERING SHALL BE IN ACCORDANCE WITH MIL-S-6872, USING SOLDER, QQ-S-571, COMP. SN60 OR SN70.
5. ADAPTER SHALL BE CRIMPED ON CONDUCTORS TO WITHSTAND 13 TO 15 POUNDS PULL.
6. PACKAGING CAPS SHALL BE PROVIDED TO PROTECT TERMINAL ENDS DURING SHIPMENT AND STORAGE.
7. THE MS PART NUMBER FROM MS51011 AND MANUFACTURER'S IDENTIFICATION SHALL BE CLEARLY AND PERMANENTLY MARKED ON A MARKER BAND WHICH SHALL BE SECURELY ATTACHED AROUND THE CONDUIT NEAR THE FERRULE. BAND SHALL BE VISIBLE AFTER ASSEMBLY OF THE PART WITHOUT INTERFERENCE TO THE FUNCTION OF THE PART.
8. DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE ± .005.
9. SHEET 2 IS IDENTICAL WITH SHEET 1 EXCEPT THAT DIMENSIONS ARE IN MILLIMETERS.
10. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

THIS IS A DESIGN STANDARD AND SHALL NOT BE USED AS A PART NUMBER.

NOTE:

CERTAIN PROVISIONS (IDENTIFIED BY *) OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT NATO STANAG 4006. WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED WHICH WILL EFFECT OR VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES, IF REQUIRED.

REVIEW ACTIVITIES: ARMY-EL, GL; NAVY-MC
USER ACTIVITIES:

This military standard has been approved by the Department of Defense and is mandatory for use by all Departments and Agencies of the Department of Defense. Select on for all new engineering and design applications and for repetitive use shall be made from this document.

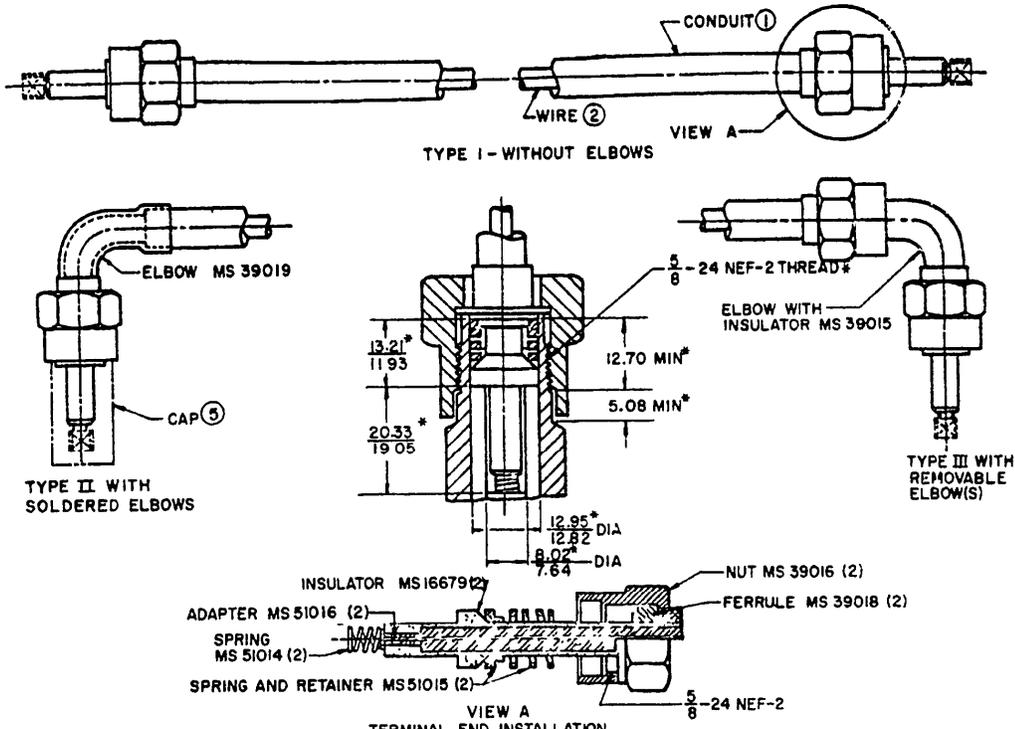
APPROVED 14 APRIL 1958 REVISED (A) 3 NOVEMBER 1966 (B) 27 OCTOBER 1967 (C) 20 OCTOBER 1970

P.A. ARMY-AT Other User NAVY-YD AF-B2	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
		LEAD AND CONDUIT ASSEMBLY, ELECTRICAL: SHIELDED; WATERPROOF SPARK PLUG (OTHER THAN AIRCRAFT)	MS 51010
PROCUREMENT SPECIFICATION NONE	SUPERSEDES	SHEET 1 OF 2	

REVIEW ACTIVITIES: ARMY-EL, GL; NAVY-MC
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DIMENSIONS ARE IN MILLIMETERS

NOTES:

1. FOR SELECTION OF TYPES AND ASSEMBLY LENGTHS, SEE MS51011.
2. CONDUIT: O.D., $10.92 \pm .25$, I.D. $7.14 \pm .38$, MIL-C-13909, TYPE 1, GRADE B, WITH SINGLE LAYER, TWO-OVER-TWO WEAVE, BRAID.
3. IGNITION WIRE, MIL-C-3702, TYPE 1, GRADE B, CLASS 3, 5MM SIZE.
4. SOLDERING SHALL BE IN ACCORDANCE WITH MIL-S-6872. USING SOLDER, QQ-S-571, COMP. SN60 OR SN70.
5. ADAPTER SHALL BE CRIMPED ON CONDUCTORS TO WITHSTAND 5.9 TO 6.8 KILOGRAMS PULL.
6. PACKAGING CAPS SHALL BE PROVIDED TO PROTECT TERMINAL ENDS DURING SHIPMENT AND STORAGE.
7. THE MS PART NUMBER FROM MS51011 AND MANUFACTURER'S IDENTIFICATION SHALL BE CLEARLY AND PERMANENTLY MARKED ON A MARKER BAND WHICH SHALL BE SECURELY ATTACHED AROUND THE CONDUIT NEAR THE FERRULE. BAND SHALL BE VISIBLE AFTER ASSEMBLY OF THE PART WITHOUT INTERFERENCE TO THE FUNCTION OF THE PART.
8. DIMENSIONS ARE IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE $\pm .13$.
9. SHEET 1 IS IDENTICAL WITH SHEET 2 EXCEPT THAT DIMENSIONS ARE IN INCHES.
10. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

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P.A. ARMY-AT Other Cust NAVY-YD AF-82	INTERNATIONAL INTEREST	TITLE LEAD AND CONDUIT ASSEMBLY, ELECTRICAL: SHIELDED; WATERPROOF SPARK PLUG (OTHER THAN AIRCRAFT)	MILITARY STANDARD
PROCUREMENT SPECIFICATION NONE	SUPERSEDES		MS 51010
			SHEET 2