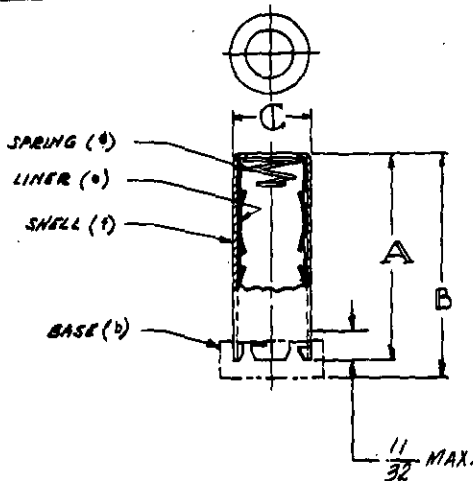


FED. SUP CLASS.  
5960

| MS PART NO. | A<br>± 1/16 | B<br>MAX | C     | WEIGHT<br>GRAMS<br>MAX. (c) | TUBE ENVELOPE |        |
|-------------|-------------|----------|-------|-----------------------------|---------------|--------|
|             |             |          |       |                             | STYLE         | LENGTH |
| MS24230-1   | 2 9/16      | 2.812    | 1.000 | 22                          | T-64/2        | (g)    |

FORMER IDENTIFICATION HTS-14

EOR USE WITH MS24231-2

- (c) WEIGHT OF SHIELD ASSEMBLY LESS BASE
- (d) SPRING, MATERIAL: BERYLLIUM COPPER, SPEC. QQ-C-530  
FINISH: BLACK CAD. PLATE, SPEC. QQ-P-416 CLASS 1 TYPE 11 OPTIONAL FINISH: HENDERLUBE (OR EQUAL)  
CONSTRUCTION: THE SPRING SHALL BE HELD IN PLACE BY FRICTION OR BY MECHANICAL MEANS IF THE MAX. DIA. IS SMALLER THAN THE INSIDE DIA. OF THE SHIELD. THE TENSION SHALL BE SUCH TO INSURE MAX. COMPRESSION OF 1/8 OVER SEATED TUBE. THE FORCE REQUIRED TO COMPRESS SPRING TO 3/8 SHALL BE WITHIN 1 1/2 TO 2 1/2 LBS. SPIRALS DO NOT TOUCH EACH OTHER. THE END OF THE COIL SPRING SHALL NOT CONTACT THE ELECTRON TUBE ENVELOPE.
- (e) LINER, MATERIAL: BERYLLIUM COPPER, SPEC. QQ-C-533.  
FINISH: BLACK CAD. PLATE, SPEC. QQ-P-416, CLASS 1 TYPE 11, OPTIONAL FINISH: HENDERLUBE (OR EQUAL)
- (f) SHELL, MATERIAL: HIGH HEAT CONDUCTING-NONMAGNETIC TYPE.  
FINISH: ANODIZE DULL BLACK, SPEC. MIL-A-8625 OPTIONAL FINISH: HENDERLUBE (OR EQUAL)
- (g) THIS SHIELD IS FOR USE WITH NOVAL TUBES WHICH ARE LONGER THAN USUAL TUBES. FOR EXAMPLE, TUBE TYPE E604. DIM A REFERS TO OVERALL LENGTH OF SHELL, LINER IS NOT FULL LENGTH OF SHIELD. DIM B REFERS TO OVERALL LENGTH OF SHIELD ASSEMBLY SEATED IN BASE. DIM C REFERS TO O.D. OF SHELL.  
INSTALLATION FORCE SHALL NOT EXCEED 20 LBS TO INSTALL SHIELD OVER TUBE. NO TOOL REQUIRED FOR APPLICATION OR REMOVAL OF SHIELD FROM TUBE AND MOUNTING BASE. TOP END OF SHIELD OPEN.  
ENGAGING TORQUE: 20 POUND INCHES MAX.

Ⓢ CANCELED AFTER 17 JULY 1967  
USE MIL-S-24251/3

NOTE: FOR RETROFIT, USE SHIELD MS24233-7  
DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS ± 1/64, DECIMALS ± .005

|   |                                  |  |  |                    |
|---|----------------------------------|--|--|--------------------|
| CUSTODIANS<br>Air Force-11              | OTHER INT.<br>A -<br>N -<br>AF - | MILITARY STANDARD  |  | MS 24230<br>(USAF) |
|   |                                  | SHIELD - ELECTRON TUBE - HEAT DISSIPATING<br>(6094 TUBE ENVELOPES) |  |                    |
| PROCUREMENT SPECIFICATION<br>MIL-S-9372 | SUPERSEDES:                      | SHEET 1 OF 1   |  |                    |

DD FORM 572-1  
1 OCT 62

\*U.S. GOVERNMENT PRINTING OFFICE: 1967-301-510/620

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APPROVED 23 - JAN - 59 REVISED (A) 11 MAR 60 (B) 5 MAY 61 (C) 8 FEB 62 (D) 17 JULY 1967