

NSA - CS
NAVY - YD
MC
ARMY - MO

REVIEW INTEREST:

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. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

		FED. SUP CLASS 2920	
<p>NOTES:</p> <ol style="list-style-type: none"> 1. MATERIAL: HENRITE #R-1 OR APPROVED EQUIVALENT 2. VOLTAGE DROP REQUIREMENT: WITH TWO BRUSHES CLAMPED TOGETHER AND A CURRENT OF 10 AMPS FLOWING IN THROUGH THE SHUNT OF ONE BRUSH AND OUT THROUGH THE SHUNT OF THE OTHER BRUSH, THE VOLTAGE DROP SHALL NOT EXCEED 15 MILLIVOLTS WHEN MEASURED AS FOLLOWS: <ol style="list-style-type: none"> A. BRUSHES SHALL BE RUN THROUGH 10 CYCLES WITH 50 AMPERES FLOWING IN EACH LEAD. B. EACH CYCLE SHALL CONSIST OF CURRENT BEING ON FOR 10 MINUTES AND OFF UNTIL BRUSHES COOL TO ROOM TEMPERATURE. C. MILLIVOLT DROP ACROSS THE JUNCTION OF THE LEAD AND BRUSH (AS SHOWN BY NOTE) SHALL BE MEASURED AT THE END OF 10 CYCLES. 3. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID. 4. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. 5. ALL DIMENSIONS ARE IN INCHES. 			
P.A. ARMY - MO Other Cust N YD		MS PART NO. 13807-1 MILITARY STANDARD MS 13807 SHEET 1 OF 1	
TITLE (B) BRUSH, ASSEMBLY, COMMUTATOR (GENERATOR, ENGINE-ACCESSORY, 28-VOLT, 18-AMP)		SUPERSEDES:	
PROCUREMENT SPECIFICATION MIL-G-12604			

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APPROVED 29 NOVEMBER 1956 (REVISED) 12 SEPTEMBER 1962 (B) 25 JUNE 1965 (C) 8 November 1982