



MIL-PRF-39016

MILITARY SPECIFICATION PROGRAM

ELECTROMAGNETIC RELAYS

- **Program Scope** : The MIL-PRF-39016 specification program establishes requirements for performance of electromechanical relays that are used in the most critical and demanding military environments. MIL-PRF-39016 and its 45 specification sheets are the result of a DSCC, military services, and industry requirements determination process. DSCC-VA (Document Standardization Unit) is the DoD preparing activity tasked with the responsibility for this program.

- **Military Service Involvement** : This program involves the following military standardization departments:

Air Force: Space & Missile Command
 Air Force Materiel Command Logistics Support Office
 Aeronautical Systems Center

Army: Communications-Electronics Command
 US Army Tank-Automotive Command
 Aviation Missile Command

Navy: Space & Naval Warfare System Command
 Naval Air Systems Command
 Naval Surface Warfare Center

Marines US Marine Corps

NASA National Aeronautics & Space Administration
 Goddard Space Flight Center

- **DSCC's Spare Parts Mission**: DSCC provides spare parts bought to the requirements of MIL-PRF-39016 to our military customers for use in maintaining military critical weapons systems. Over the last 8 quarters, this program generated the following metrics:

- (1) # of National Stock Numbers (NSNs): **950**
- (2) # of Demands: **58,419**
- (3) \$\$ Sales Dollars: **\$1.998 Million**

- **Weapons Systems Impacted:** MIL-PRF-39016 are widely used by all three military services in critical military weapons systems. For, example, the following MIL-PRF-39016 relay and its associated NSN has the following impact:

- (1) Part Number: M39016/6-109P
- (2) Spec Number: MIL-PRF-39016/6
- (3) NSN: 5945-01-170-6307
- (4) Demands: 8,986
- (5) \$\$ Sales: \$169,000
- (6) Weapons Systems Impacted: 210 Total; 13 Army, 144 Navy, 43 Air Force, 10 Marines.
- (7) Examples of Weapons Systems Impacted include:

- Army: **Abrams M1; AH-1 Cobra**
- Navy: **F-14 Tomcat; A-6E Intruder; Nimitz Class CVN; Arleigh Burke Class DDG; Ohio Class SSN (Trident)**
- Air Force: **C130 Hercules; F15 Eagle; A10 Thunderbolt; B-52 Stratofortress; F117 Night Hawk**
- Marines: **AV-8B Harrier, AH-11J Cobra**



Prepared by DSCC-VAS (Gary L. Gross)

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CC:
DSCC-V (J. Gambert)
DLSC-J-334 (B. Lee)

Coordinated:
_____, DSCC-VA
_____, DSCC-VAT