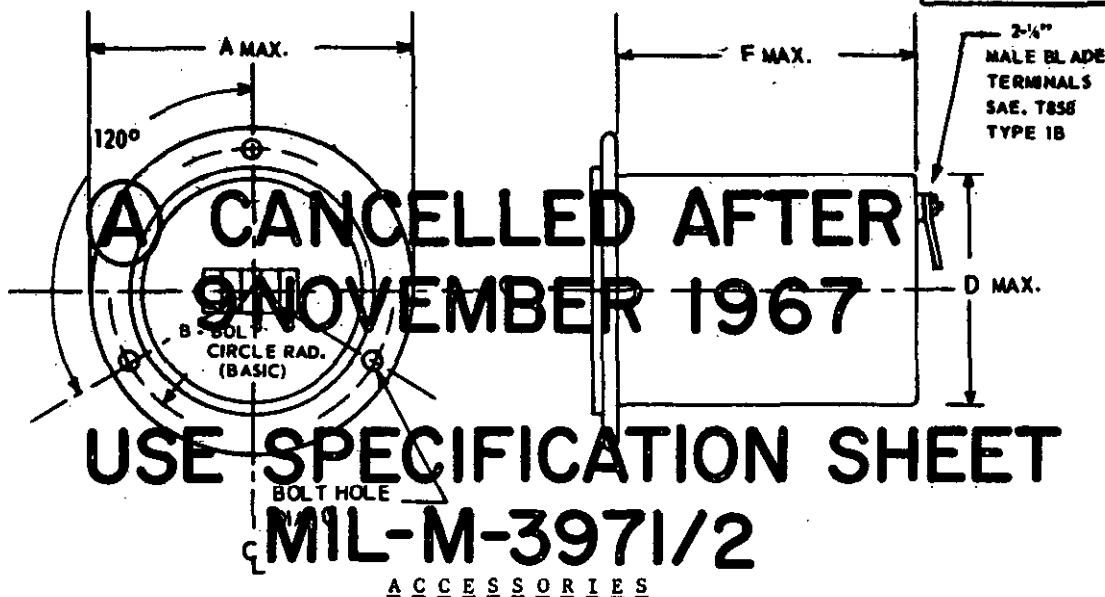


Users:
Army - EL
Navy - MC, AS
Project Number 6645-0194

Reviewers:
Army - ME, MI, GL
Navy - YD, SH
Air Force - 11

FED. SUP CLASS
FSC 6645



PART NUMBERS:

16 GAUGE AWG Stranded wire
M3971/2-7 FOR MS16972-1
M3971/2-8 FOR MS16972-2
LEAD RES. W/ FEMALE CRIMP-ON CONNECTORS (2 Required)
CONNECTOR (1 Required)

M.S. PART NO.	A	B	C	D	E	HARDWARE (3 ea required)		
						Screw	Washer	Nut
-1	2.695	1.220	.125 ±.005	2.210	3.00	MS-35223-17	MS-35333-36	MS-35649-42
-2	3.500	1.580	.1495 ±.007	2.625	3.00	MS-35223-30	MS-35333-37	MS-35649-62

NOTES:

- Dimensions are in inches. Unless otherwise noted, tolerances are: Dimensional ± 0.015 ; Angular $\pm 0.5^\circ$.
- Scale indicator range 10,000 hours. Maximum readout 9999.9 hours.
- This standard established overall dimensions and detail engineering requirements. Consult procurement specification for qualification and other detail requirements.
- Accessories shall be furnished with the meter as a complete package.
- All female connectors shall be equipped with insulator sleeves in accordance with automotive practice and when engaged with male blade terminals shall form an insulated junction.
- Modifications in outside appearance and construction are acceptable if unit interchangeability is not affected.
- The number and location of blade terminals on the meter shall be optional with manufacturer.
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- Referenced documents shall be of the same issue in effect on date of invitations for bid.

P.A. ARMY - MU	TITLE METER, TIME TOTALIZING, ELECTRIC, 120 VOLTS, 400 CYCLES, ALTERNATING CURRENT	MILITARY STANDARD
Other Cust NAVY - SA AIR FORCE - 82		MS 16972
Procurement Specification MIL-M-3971	SUPERSEDES:	SHEET 1 OF 1