

INCH-POUND

MIL-PRF-6106/20C  
AMENDMENT 2  
15 November 2002  
SUPERSEDING  
AMENDMENT 1  
19 July 2001

PERFORMANCE SPECIFICATION SHEET

RELAYS, ELECTROMAGNETIC, MAGNETIC LATCH,  
25 AMPERES, SPDT, HERMETICALLY SEALED

This amendment forms a part of MIL-PRF-6106/20C, dated 10  
November 2000, and is approved for use by all Departments  
and Agencies of the Department of Defense.

The attached insertable replacement page is listed below and is a replacement for the stipulated page.  
When the new page has been entered in the document, insert the amendment as the cover sheet to the  
specification.

<u>Replacement page</u>	<u>Page replaced</u>
5	5

PAGE 7

- \* Add paragraph at top of page: "Suspension of inspection. Group B and Group C inspections may be  
suspended at the discretion of the qualifying activity."

The margins of this amendment are marked with asterisks to indicate where changes from the previous amendment  
were made. This was done as a convenience only and the Government assumes no liability whatsoever for any  
inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this  
document based on the entire content irrespective of the marginal notations and relationship to the last previous  
amendment.

Custodians:  
Air Force - 11  
DLA - CC

Preparing activity:  
DLA - CC  
  
(Project 5945-1194-21)

Review activities:  
Air Force - 99

MIL-PRF-6106/20C

Maximum contact drop, initial: 0.150 volt.

After life test: 0.175 volt.

Overload current: 50 amperes dc, 80 amperes ac, 400 Hz.

Rupture current: 60 amperes dc, 100 amperes ac, 400 Hz.

Duty rating: Continuous.

Part or Identifying Number (PIN): M6106/20- (plus dash number from table I). Example: M6106/20-001.

Qualification by similarity: See MIL-PRF-6106.

TABLE I. Dash numbers and characteristics.

Dash numbers	Coil data								Time-milliseconds maximum <u>1/</u>				Terminal type	Mounting style
	Coil	Nominal		Max		Max pick-up voltage			Operate	Re-set	Bounce			
		Volts (V dc) <u>2/</u>	Res $\Omega$ $\pm 10\%$	Volts	Amp	Nominal <u>3/</u>	High temp test	Cont current test			Main			
											NO	NC		
-001	X1-X2 Y1-Y2	28	600	29	.050	18	19.8	22.5	10	10	1.0	1.0	Solder hook	RVFM
-002	X1-X2 Y1-Y2	28	600	29	.050	18	19.8	22.5	10	10	1.0	1.0	Plug-in	RVFM
-003	X1-X2 Y1-Y2	28	600	29	.050	18	19.8	22.5	10	10	1.0	1.0	Solder hook	HFM

1/ With nominal coil voltage.

2/ Caution: Use of any coil voltage less than nominal coil voltage will compromise the operation of the relay.

3/ Over temperature range.