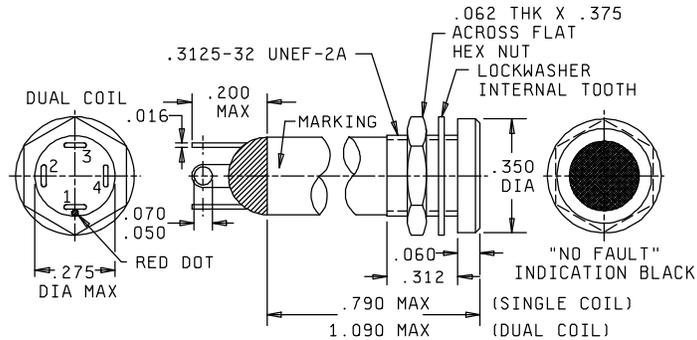


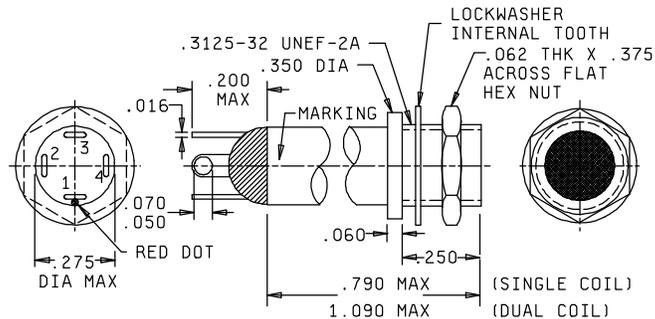
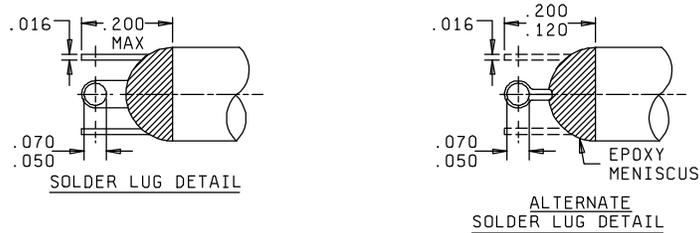
PERFORMANCE SPECIFICATION SHEET
INDICATORS, FAULT LOCATING, BALL INDICATING,
ELECTRICAL RESET

This specification is approved for use by all Departments
 and Agencies of the Department of Defense.

The requirements for acquiring the indicators described herein shall consist
 of this specification sheet and the latest issue of MIL-PRF-83287.

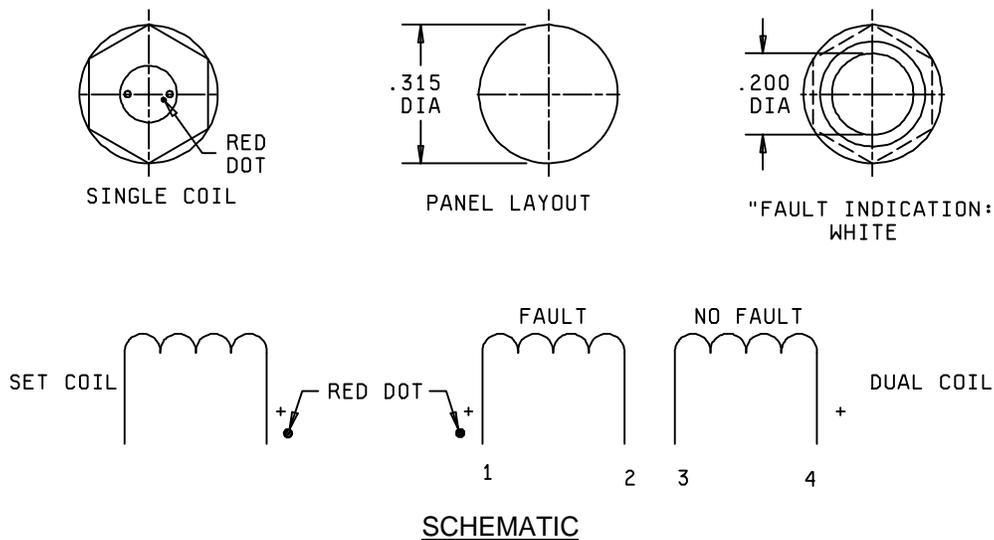


CONFIGURATION A (FRONT MOUNTING)



CONFIGURATION B (REAR MOUNTING)

FIGURE 1. Dimensions and configurations.



Inches	mm
.016	0.41
.050	1.27
.060	1.52
.070	1.78
.120	3.05
.200	5.08
.250	6.35
.275	6.99
.312	7.92
.3125	7.940
.315	8.00
.350	8.89
.375	9.53
1.09	27.7

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is ± 0.005 (0.13 mm).
4. The hardware shall be black.
5. The shape and location of the solder terminal shown is not intended to limit specific manufacturing processes.
6. Numbers shown for dual coil configuration are for reference only.
7. Recommended mounting torque: 5 to 7 inch-pounds.

FIGURE 1. Dimensions and configurations - Continued.

REQUIREMENTS:

Dimensions and characteristics: See figure 1 and table 1.

Weight (including hardware): 0.01 pound (4.5 grams), maximum.

Transfer pulse length: A pulse length of 40 milliseconds or greater shall cause a fault indication. A single pulse length of 2 milliseconds or less shall not cause a fault indication.

Terminal strength:

Test condition A (3 pounds, minimum).

Marking of solder terminals: The positive terminal shall be identified by a red dot as shown on figure 1.

Extent of qualification: Qualification testing and approval of M83287/03-01 and M83287/03-15 shall be sufficient to grant qualification approval for all indicators covered by this specification sheet.

Part number: M83287/03- (dash number from table I)

Random vibration: Test condition D, curve 1, 30 minutes test time, (applies to all dash numbers).

Operating life: 1 ,000,000 complete operations.

MIL-PRF-83287/3B

TABLE I. Indicator characteristics.

Superseding military part numbers M83287/03-	Superseding military part numbers M81663/1-	Voltage (volts, dc)		DC coil resistance at						Coil Config	Config	
		Rat ed	Operating		-55°C		+125°C		Ambient			
			1/ Min	Max	Min	Max	Min	Max	Min			Max
01	-01	3	2.5	3.5	7.8	10	16.6	21	12	15.2	Dual	A
02	-02	6	5.5	6.5	32.0	40	67	85	49	61	Dual	
03	-03	12	9.0	15.0	129	158	274	335	198	242	Dual	
04	-04	24	17.0	27.0	517	633	1097	1341	792	968	Dual	
05	-05	28	20	30	705	863	1495	1828	1080	1320	Dual	
06	-06	3	2.5	3.5	7.8	10	16.6	21	12	15.2	Single	
07	-07	6	5.5	6.5	32.0	40	67	85	49	61	Single	
08	-08	12	9.0	15.0	129	158	274	335	198	242	Single	
09	-09	24	17.0	27.0	517	633	1097	1341	792	968	Single	
10	-10	28	20	30	705	863	1495	1828	1080	1320	Single	
11	---	3	2.5	3.5	7.8	10	16.6	21	12	15.2	Dual	B
12	---	6	5.5	6.5	32.0	40	67	85	49	61	Dual	
13	---	12	9.0	15.0	129	158	274	335	198	242	Dual	
14	---	24	17.0	27.0	517	633	1097	1341	792	968	Dual	
15	---	28	20	30	705	863	1495	1828	1080	1320	Dual	
16	---	3	2.5	3.5	7.8	10	16.6	21	12	15.2	Single	
17	---	6	5.5	6.5	32.0	40	67	85	49	61	Single	
18	---	12	9.0	15.0	129	158	274	335	198	242	Single	
19	---	24	17.0	27.0	517	633	1097	1341	792	968	Single	
20	---	28	20	30	705	863	1495	1828	1080	1320	Single	
21	---	5.0	4.5	5.5	22	28	47	58.2	34	42	Single	A
22	---	5.0	4.5	5.5	22	28	47	58.2	34	42	Dual	A
23	---	5.0	4.5	5.5	22	28	47	58.2	34	42	Single	B
24	---	5.0	4.5	5.5	22	28	47	58.2	34	42	Dual	B

1/ Refers to the minimum operating voltage, at which the indicator will operate.

CONCLUDING MATERIAL

Custodians:
Navy - AS
Air Force - 11
DLA - CC

Preparing activity:
DLA - CC

(Project 6625-0897)

Review activities:
Air Force - 82