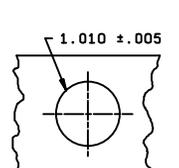
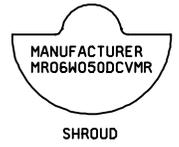
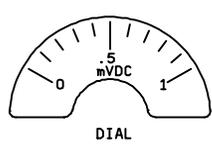
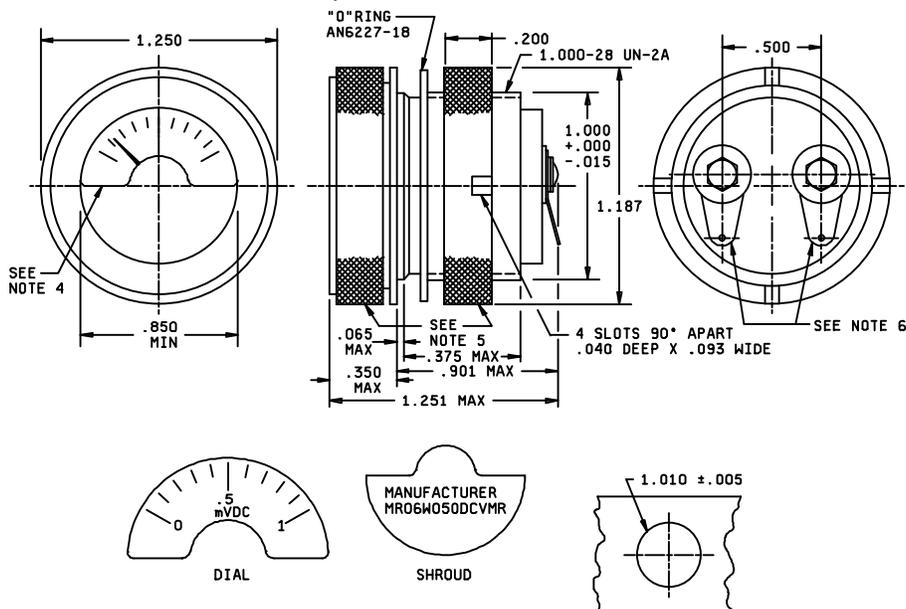


PERFORMANCE SPECIFICATION SHEET

METERS, ELECTRICAL INDICATING, PANEL TYPE, RUGGEDIZED:
 MULTIVOLTMETER, DC (FLUSH MOUNTING, ROUND FLANGE, 1 INCH),
 STYLES 05, 06, AND 07

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

The requirements for acquiring the meters described herein
 shall consist of this specification and MIL-PRF-10304.



MARKING ILLUSTRATION

PANEL DRILLING PLAN

Inches	mm	Inches	mm	Inches	mm
.005	.13	.350	8.89	1.010	25.65
.015	.38	.375	9.53	1.187	30.15
.040	1.02	.500	12.70	1.250	31.75
.065	1.65	.850	21.59	1.251	31.78
.093	2.36	.901	22.89		
.200	5.08	1.000	25.40		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is $\pm .015$ (.38 mm).
4. Shroud design is optional.
5. Knurled edge required for mounting; optional for front flange.
6. The solder lug terminals shall accommodate wire of a diameter of .065 (1.65 mm) and may accommodate up to a maximum diameter of .105 (2.67 mm).

FIGURE 1. Meter, panel type.

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Weight: 4 ounces maximum.

Case material: Metal or molded thermosetting plastic.

Full-scale ranges: See table I.

Scale:

Pointer deflection: 90° minimum.

Length: .75 inch minimum.

Power consumption: 6 milliamperes maximum.

Position influence: ±3 percent.

Accuracy: ±3 percent.

Overshoot: 2.0 minimum.

Response time: 3 seconds.

High temperature cycling:

20 percent.

±4 percent permanent change.

Temperature influence: ±5 percent.

Exposure to extreme temperatures: ±2 percent.

Overload capacity:

Momentary overload: ±2 percent.

Sustained overload:

±1 percent temporary zero shift.

±1 percent permanent zero shift.

±2 percent permanent change.

Dielectric withstanding voltage: 1, 000 volts rms.

Supersession data: See table II.

TABLE I. Full-scale ranges.

Voltmeter	
Millivolts	
Zero left	Zero Center
50	25-0-25
100	50-0-50
500	250-0-250

TABLE II. Supersession data.

Superseded type designation	New type designation
<p style="text-align: center;"><u>Style 04</u></p> MR04W050DCMV MR04B050DCMV MR04F050DCMV MR04S050DCMV <u>1/</u>	<p style="text-align: center;"><u>Style 07</u></p> MR07W050DCMVR MR07B050DCMVR MR07F050DCMVR MR07P050DCMVR
<p style="text-align: center;"><u>Style 05</u></p> MR05W050DCMV MR05B050DCMV MR05F050DCMV MR05S050DCMV 1/	<p style="text-align: center;"><u>Style 05</u></p> MR05W050DCMVR MR05B050DCMVR MR05F050DCMVR MR05P050DCMVR
<p style="text-align: center;"><u>Style 06</u></p> MR06W050DCMV MR06B050DCMV MR06F050DCMV MR06S050DCMV 1/	<p style="text-align: center;"><u>Style 06</u></p> MR06W050DCMVR MR06B050DCMVR MR06F050DCMVR MR06P050DCMVR

1/ The color scheme code letter "S" has been superseded by the code letter "P". The type designations of all new units will carry the code letter "P" (when applicable) to indicate that non-radioactive material has been used for phosphorescent markings and pointer.

Custodians:

Army - CR
Navy - SH
Air Force - 99
DLA - CC

Preparing activity:

DLA - CC

(Project 6625-0880)

Review activities:

Air Force - 11
Army - AR, AT, AV, CR4
Navy - MC