



| DASH No. | RESISTANCE (OHMS) | RESOL (%) | LIN (±%) |
|----------|-------------------|-----------|----------|
| 50R | 50 | .413 | 1.5 |
| 101 | 100 | .259 | 1.0 |
| 251 | 250 | .201 | 1.0 |
| 501 | 500 | .153 | .75 |
| 102 | 1,000 | .151 | .75 |
| 202 | 2,000 | .158 | .75 |
| 252 | 2,500 | .154 | .75 |
| 502 | 5,000 | .118 | .50 |
| 103 | 10,000 | .093 | .50 |
| 203 | 20,000 | .091 | .50 |
| 253 | 25,000 | .086 | .50 |
| 503 | 50,000 | .086 | .50 |

12. EQUIVALENT NOISE RESISTANCE: 100 OHMS, MAX.
11. LIFE: 25,000 CYCLES AT 40 RPM.
10. DIELECTRIC STRENGTH: 1000V RMS FOR 60 SEC.
9. WATTAGE: 2 WATTS AT 85°C DERATED TO ZERO AT 135°C.
8. OPERATING TEMPERATURE RANGE: -55° TO +135°C.
7. TEMPERATURE COEFFICIENT OF RESISTANCE WIRE: .000020 OHM/OHM/°C FOR VALUES OF 50 OHMS OR GREATER.
6. MECHANICAL ANGLE: 330° ± 5°.
5. ELECTRICAL FUNCTION ANGLE: 320° ± 3°.
4. INDEPENDENT LINEARITY: SEE CHART.
3. RESOLUTION: SEE CHART.
2. RESISTANCE TOLERANCE: ±3%.
1. RESISTANCE: SEE CHART (OTHER VALUES ON REQUEST).
22. ADD 1/2" TO LENGTH FOR EACH ADDITIONAL CUP.
21. STOP STRENGTH: 4 POUND-INCHES.
20. HARDWARE: INTERNAL TOOTH LOCKWASHER & HEXNUT.
19. SEALED CONSTRUCTION.
18. GOLD PLATED TERMINALS.
17. PRECIOUS METAL CONTACTS.
16. BRONZE SLEEVE BEARING.
15. STAINLESS STEEL SHAFT AND LOCATING PIN.
14. ANODIZED ALUMINUM HOUSING.
13. SHAFT ROTATIONAL TORQUE: 2 NOM. OUNCE-INCHES.

87M43

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