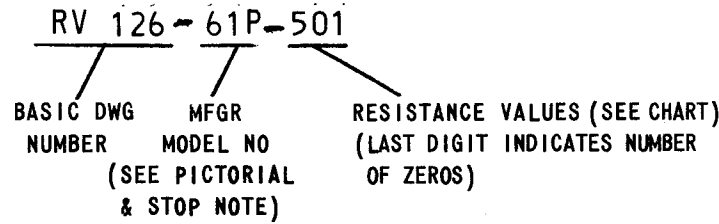


STANDARD RESISTANCE VALUES AND TEMPCOS

| STD RESISTANCE VALUE, OHMS | UNIT TEMPCO* (ppm/°C) | STD RESISTANCE VALUE, OHMS | UNIT TEMPCO* (ppm/°C) |
|----------------------------|-----------------------|----------------------------|-----------------------|
| 10 | 0 TO +500 | 10K | 0 TO +250 |
| 20 | 0 TO +500 | 20K | + 250 |
| 50 | 0 TO +500 | 25K | + 250 |
| 100 | 0 TO +250 | 50K | + 250 |
| 200 | 0 TO +250 | 100K | + 250 |
| 500 | 0 TO +250 | 200K | 0 TO -250 |
| 1K | 0 TO +250 | 250K | 0 TO -250 |
| 2K | 0 TO +250 | 500K | 0 TO -250 |
| 5K | 0 TO +250 | 1 MEG | 0 TO -250 |

TMC PART NUMBER WILL BE IN THE FOLLOWING FORM:



REVISIONS

| ZONE | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
|------|-----|------------------------|----------|----------|-------|------|------|
| | X | EXPERIMENTAL RELEASE | 4/5/68 | | | C.V. | |
| | Ø | ORIG. RELEASE FOR PROD | 10/25/68 | Ø | | R.G. | J.D. |

SPECIFICATIONS

GENERAL

AMBIENT TEMPERATURE RANGE: -65°C TO +150°C
 RESISTANCE ELEMENT: CERMET
 ADJUSTMENT TURNS: 1

ELECTRICAL

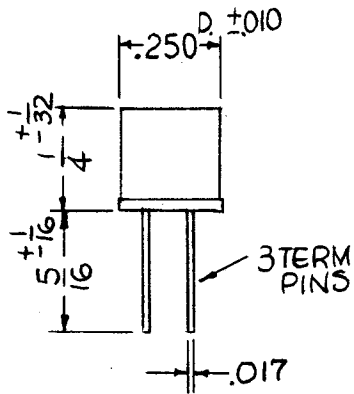
RANGE OF STD. RESISTANCE VALUES: SEE CHART
 STANDARD RESISTANCE TOLERANCE: ± 20%
 INPUT VOLTAGE MAX: 300 V DC (RMS) OR WITHIN POWER RATING WHICHEVER IS LESS
 SLIDER CURRENT MAX: 100 mA OR WITHIN POWER RATING WHICHEVER IS LESS
 POWER RATING: 0.4 WATTS AT +85°C DERATING TO 0 WATTS AT +150°C
 END RESISTANCE MAX: 1 Ω
 ACTUAL ELECTRICAL TRAVEL: 215° ± 25°
 DIELECTRIC STRENGTH: 600 V RMS
 INSULATION RESISTANCE: 1,000 MEGOHMS
 RESOLUTION: ESSENTIALLY INFINITE
 ELECTRICAL CONTINUITY TRAVEL: 310° ± 25°

MECHANICAL

TOTAL MECHANICAL TRAVEL: 350° CONTINUOUS
 STARTING TORQUE MAX: 3.0 OZ INCHES
 WEIGHT: 0.30 OZ

ENVIRONMENTAL

ENVIRONMENT: MIL-R-22097B SEVERITY
 THERMAL SHOCK: -65°C TO +125°C
 MOISTURE RESISTANCE: 10 DAYS AT 80-98% F



MFG MODEL # 61P
(SEE TOP NOTE)

| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------|------|-------------|-------------|------|
|-------|------|-------------|-------------|------|

HOGAN LIST OF MATERIAL

| | | | | | | | |
|--------------------------------------|--|------------------|--|---|-----------------|---------|-------|
| FINAL APPROVAL <i>[Signature]</i> | | DATE | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK RESISTOR, VARIABLE | | | |
| MECH. DES. | | DATE | | | | | |
| ELECT. DES. | | DATE | | | | | |
| CHECKED <i>[Signature]</i> | | DATE 10/22/68 | | | | | |
| DRAWN <i>[Signature]</i> | | DATE 4-5-68 | | SIZE | CODE IDENT. NO. | DWG NO. | ISSUE |
| FINISH | | | | B | 82679 | RV 126 | Ø |
| SCALE | | | | SHEET OF | | | |

STOP NOTE:
 WHEN A STOP VERSION IS DESIRED ADD "N"
 TO MFR'S BASIC MODEL NUMBER.
 EXAMPLE: 61PN

| | | |
|-------------|---------------|-----------|
| QTY / UNIT | MODEL USED ON | ASS'Y NO. |
| | HFRR-4 | |
| APPLICATION | | |
| | CODE C | S401-339 |

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