

# Mil-Spec Numbering System – Defined

## Non-Wirewound RJ Styles

**MIL-PRF-22097** RJ24 F W 103

Style \_\_\_\_\_

Characteristic \_\_\_\_\_

|                                   |             |
|-----------------------------------|-------------|
| Temperature Coefficient Max.      | ±100 ppm/°c |
| Contact Resistance Variation Max. | 1 %         |
| Thermal Shock                     | 1 %         |
| Humidity                          | 1 %         |
| Shock                             | 1 %         |
| Vibration                         | 1 %         |
| Load Life                         | 2 %         |
| Low Temperature                   | 1 %         |
| High Temperature                  | 2 %         |
| Rotational Life                   | 2 %         |

Terminal Type \_\_\_\_\_

Resistance Code \_\_\_\_\_

First Two Digits Significant  
Last Digit = Number of Zeroes  
(103 = 10,000 ohms)

## Non-Wirewound RJR Styles – High Reliability

**MIL-PRF-39035** RJR24 F W 102 P

Style \_\_\_\_\_

Characteristic \_\_\_\_\_

|                                   |             |
|-----------------------------------|-------------|
| Temperature Coefficient Max.      | ±100 ppm/°c |
| Contact Resistance Variation Max. | 1 %         |
| Thermal Shock                     | 1 %         |
| Humidity                          | 1 %         |
| Shock                             | 1 %         |
| Vibration                         | 1 %         |
| Load Life                         |             |
| 2,000 Hours                       | 3 %         |
| 10,000 Hours                      | 3 %         |
| Low Temperature                   | 1 %         |
| High Temperature                  | 3 %         |
| Rotational Life                   | 2 %         |
| Conditioning                      | 1-1/2 %     |

Terminal Type \_\_\_\_\_

Resistance Code \_\_\_\_\_

First Two Digits Significant  
Last Digit = Number of Zeroes  
(102 = 1,000 ohms)

Failure Rate \_\_\_\_\_

(% Failures/1,000 Hours – 60 % Confidence)

M = 1.0 %  
P = 0.1 %  
R = .01 %

## Wirewound RT Styles

**MIL-PRF-27208** RT24 C2 P 101

Style \_\_\_\_\_

Characteristic \_\_\_\_\_

C = Temperature Coefficient ±50 ppm/°C  
2 = 85 ° Rating Temperature, 150 ° Maximum Operating Temperature

Terminal Type \_\_\_\_\_

Resistance Code \_\_\_\_\_

First Two Digits Significant  
Last Digit = Number of Zeroes  
(101 = 100 ohms)

## High-Rel Wirewound Specification

### MIL-PRF-39015 RTR Styles

This specification has a procedure for ordering, processing, and marking parts entirely different than the other three specifications. IT DOES NOT USE THE TYPE DESIGNATION NUMBER AS THE PART NUMBER.

The number to order by consists of:

- The individual specification sheet number  
M39015/2 (for style RTR22)  
M39015/3 (for style RTR24)

- A dash number from the specification sheet table for the resistance value

| M39015/2 | M39015/3 |
|----------|----------|
| -003 500 | -006 500 |
| -004 1K  | -007 1K  |
| -005 2K  | -008 2K  |
| -006 5K  | -009 5K  |
| -007 10K | -101 10K |
| -008 20K |          |

- Terminal Type
- Failure rate level M  
M = 1 %  
% Failure/1,000 Hours – 60% Confidence

### Examples of Part Numbers

M39015/2 – 006LM  
5K Term. Type L – Failure Rate M

M39015/3 – 010XM  
10K Term. Type X – Failure Rate M

The table on the next page shows all part numbers covered by this specification, the conversion to the RTR type designation number required by the supplier to manufacture the part, and the number that will be marked on the units you receive (same as part number ordered but with the letter “J” in front of it). The letter “J” is a government mark and it is certification that the parts comply with the specification.

### Information Notes:

- M39015/3 was added to the MIL-SPEC after its original release.

Specifications are subject to change without notice.  
Customers should verify actual device performance in their specific applications.

# Mil-Spec Numbering System – How to Order

## Bourns High Reliability Mil-Spec Part Numbers

| Order By             | Process By*       | Marked With           | Terminal Types | Failure Rate |
|----------------------|-------------------|-----------------------|----------------|--------------|
| M39015/2-003(TS)(FR) | RTR22D(TS)501(FR) | JM39015/2-003(TS)(FR) | L, P, W, X     | M            |
| M39015/2-004(TS)(FR) | RTR22D(TS)102(FR) | JM39015/2-004(TS)(FR) |                |              |
| M39015/2-005(TS)(FR) | RTR22D(TS)202(FR) | JM39015/2-005(TS)(FR) |                |              |
| M39015/2-006(TS)(FR) | RTR22D(TS)502(FR) | JM39015/2-006(TS)(FR) |                |              |
| M39015/2-007(TS)(FR) | RTR22D(TS)103(FR) | JM39015/2-007(TS)(FR) |                |              |
| M39015/2-008(TS)(FR) | RTR22D(TS)203(FR) | JM39015/2-008(TS)(FR) | P, W, X        | M            |
| M39015/3-006(TS)(FR) | RTR24D(TS)501(FR) | JM39015/3-006(TS)(FR) |                |              |
| M39015/3-007(TS)(FR) | RTR24D(TS)102(FR) | JM39015/3-007(TS)(FR) |                |              |
| M39015/3-008(TS)(FR) | RTR24D(TS)202(FR) | JM39015/3-008(TS)(FR) |                |              |
| M39015/3-009(TS)(FR) | RTR24D(TS)502(FR) | JM39015/3-009(TS)(FR) |                |              |
| M39015/3-010(TS)(FR) | RTR24D(TS)103(FR) | JM39015/3-010(TS)(FR) | P, W, X        | M            |

\*May also order using this part number.

## Qualified Part Numbers

### RT/RTR22 (Commercial Model 3250)

| Standard Values (ohms) | RT22C2 _____ |            |            |            | Nominal Resolution (percent) |
|------------------------|--------------|------------|------------|------------|------------------------------|
|                        | L            | P          | W          | X          |                              |
| 10                     | —            | —          | —          | —          | —                            |
| 20                     | —            | —          | —          | —          | —                            |
| 50                     | RT22C2L500   | RT22C2P500 | RT22C2W500 | RT22C2X500 | 0.80                         |
| 100                    | RT22C2L101   | RT22C2P101 | RT22C2W101 | RT22C2X101 | 0.90                         |
| 200                    | RT22C2L201   | RT22C2P201 | RT22C2W201 | RT22C2X201 | 0.70                         |
| 500                    | RT22C2L501   | RT22C2P501 | RT22C2W501 | RT22C2X501 | 0.60                         |
| 1K                     | RT22C2L102   | RT22C2P102 | RT22C2W102 | RT22C2X102 | 0.40                         |
| 2K                     | RT22C2L202   | RT22C2P202 | RT22C2W202 | RT22C2X202 | 0.30                         |
| 5K                     | RT22C2L502   | RT22C2P502 | RT22C2W502 | RT22C2X502 | 0.25                         |
| 10K                    | RT22C2L103   | RT22C2P103 | RT22C2W103 | RT22C2X103 | 0.19                         |
| 20K                    | RT22C2L203   | RT22C2P203 | RT22C2W203 | RT22C2X203 | 0.16                         |

| Standard Values (ohms) | RTR22D _____ |             |             |             | Nominal Resolution (percent) |
|------------------------|--------------|-------------|-------------|-------------|------------------------------|
|                        | L            | P           | W           | X           |                              |
| 10                     | —            | —           | —           | —           | —                            |
| 20                     | —            | —           | —           | —           | —                            |
| 50                     | —            | —           | —           | —           | —                            |
| 100                    | —            | —           | —           | —           | —                            |
| 200                    | —            | —           | —           | —           | —                            |
| 500                    | RTR22DL501M  | RTR22DP501M | RTR22DW501M | RTR22DX501M | 0.60                         |
| 1K                     | RTR22DL102M  | RTR22DP102M | RTR22DW102M | RTR22DX102M | 0.40                         |
| 2K                     | RTR22DL202M  | RTR22DP202M | RTR22DW202M | RTR22DX202M | 0.30                         |
| 5K                     | RTR22DL502M  | RTR22DP502M | RTR22DW502M | RTR22DX502M | 0.25                         |
| 10K                    | RTR22DL103M  | RTR22DP103M | RTR22DW103M | RTR22DX103M | 0.19                         |
| 20K                    | RTR22DL203M  | RTR22DP203M | RTR22DW203M | RTR22DX203M | 0.16                         |

Bourns reserves the right per MIL-PRF-39035 to substitute a higher grade temperature characteristic or failure rate (QPL) than requested.

# Qualified Part Numbers

## RT/RTR24 (Commercial Model 3290)

| Standard Values (ohms) | RT24C2     |            |            | RTR24D      |             |             | Nominal Resolution (percent) |
|------------------------|------------|------------|------------|-------------|-------------|-------------|------------------------------|
|                        | P          | W          | X          | P           | W           | X           |                              |
| 10                     | RT24C2P100 | RT24C2W100 | RT24C2X100 | —           | —           | —           | 1.11                         |
| 20                     | RT24C2P200 | RT24C2W200 | RT24C2X200 | —           | —           | —           | 0.93                         |
| 50                     | RT24C2P500 | RT24C2W500 | RT24C2X500 | —           | —           | —           | 0.62                         |
| 100                    | RT24C2P101 | RT24C2W101 | RT24C2X101 | —           | —           | —           | 0.60                         |
| 200                    | RT24C2P201 | RT24C2W201 | RT24C2X201 | —           | —           | —           | 0.54                         |
| 500                    | RT24C2P501 | RT24C2W501 | RT24C2X501 | RTR24DP501* | RTR24DW501* | RTR24DX501* | 0.42                         |
| 1K                     | RT24C2P102 | RT24C2W102 | RT24C2X102 | RTR24DP102* | RTR24DW102* | RTR24DX102* | 0.33                         |
| 2K                     | RT24C2P202 | RT24C2W202 | RT24C2X202 | RTR24DP202* | RTR24DW202* | RTR24DX202* | 0.26                         |
| 5K                     | RT24C2P502 | RT24C2W502 | RT24C2X502 | RTR24DP502* | RTR24DW502* | RTR24DX502* | 0.20                         |
| 10K                    | RT24C2P103 | RT24C2W103 | RT24C2X103 | RTR24DP103* | RTR24DW103* | RTR24DX103* | 0.17                         |

\*Last letter in number is failure rate level. M = 1.0 %

## RT12 (Commercial Model 3057)

| Standard Values (ohms) | RT12C2     |            |            | Nominal Resolution (percent) |
|------------------------|------------|------------|------------|------------------------------|
|                        | L          | P          | Y          |                              |
| 10                     | RT12C2L100 | RT12C2P100 | RT12C2Y100 | 2.40                         |
| 20                     | RT12C2L200 | RT12C2P200 | RT12C2Y200 | 1.90                         |
| 50                     | RT12C2L500 | RT12C2P500 | RT12C2Y500 | 1.40                         |
| 100                    | RT12C2L101 | RT12C2P101 | RT12C2Y101 | 1.00                         |
| 200                    | RT12C2L201 | RT12C2P201 | RT12C2Y201 | 0.86                         |
| 500                    | RT12C2L501 | RT12C2P501 | RT12C2Y501 | 0.89                         |
| 1K                     | RT12C2L102 | RT12C2P102 | RT12C2Y102 | 0.72                         |
| 2K                     | RT12C2L202 | RT12C2P202 | RT12C2Y202 | 0.58                         |
| 5K                     | RT12C2L502 | RT12C2P502 | RT12C2Y502 | 0.43                         |
| 10K                    | RT12C2L103 | RT12C2P103 | RT12C2Y103 | 0.34                         |
| 20K                    | RT12C2L203 | RT12C2P203 | RT12C2Y203 | 0.31                         |

## RT26 (Commercial Model 3260)

| Standard Values (ohms) | RT26C2     |            | Nominal Resolution (percent) |
|------------------------|------------|------------|------------------------------|
|                        | W          | X          |                              |
| 10                     | RT26C2W100 | RT26C2X100 | 1.90                         |
| 20                     | RT26C2W200 | RT26C2X200 | 1.50                         |
| 50                     | RT26C2W500 | RT26C2X500 | 1.25                         |
| 100                    | RT26C2W101 | RT26C2X101 | 1.00                         |
| 200                    | RT26C2W201 | RT26C2X201 | 0.94                         |
| 500                    | RT26C2W501 | RT26C2X501 | 0.58                         |
| 1K                     | RT26C2W102 | RT26C2X102 | 0.50                         |
| 2K                     | RT26C2W202 | RT26C2X202 | 0.45                         |
| 5K                     | RT26C2W502 | RT26C2X502 | 0.34                         |

## RJ22 (Commercial Model 3252)

| Standard Values (ohms) | RJ22F     |           |           |           |
|------------------------|-----------|-----------|-----------|-----------|
|                        | L         | P         | W         | X         |
| 10                     | RJ22FL100 | RJ22FP100 | RJ22FW100 | RJ22FX100 |
| 20                     | RJ22FL200 | RJ22FP200 | RJ22FW200 | RJ22FX200 |
| 50                     | RJ22FL500 | RJ22FP500 | RJ22FW500 | RJ22FX500 |
| 100                    | RJ22FL101 | RJ22FP101 | RJ22FW101 | RJ22FX101 |
| 200                    | RJ22FL201 | RJ22FP201 | RJ22FW201 | RJ22FX201 |
| 500                    | RJ22FL501 | RJ22FP501 | RJ22FW501 | RJ22FX501 |
| 1K                     | RJ22FL102 | RJ22FP102 | RJ22FW102 | RJ22FX102 |
| 2K                     | RJ22FL202 | RJ22FP202 | RJ22FW202 | RJ22FX202 |
| 5K                     | RJ22FL502 | RJ22FP502 | RJ22FW502 | RJ22FX502 |
| 10K                    | RJ22FL103 | RJ22FP103 | RJ22FW103 | RJ22FX103 |
| 20K                    | RJ22FL203 | RJ22FP203 | RJ22FW203 | RJ22FX203 |
| 25K                    | RJ22FL253 | RJ22FP253 | RJ22FW253 | RJ22FX253 |
| 50K                    | RJ22FL503 | RJ22FP503 | RJ22FW503 | RJ22FX503 |
| 100K                   | RJ22FL104 | RJ22FP104 | RJ22FW104 | RJ22FX104 |
| 250K                   | RJ22FL254 | RJ22FP254 | RJ22FW254 | RJ22FX254 |
| 500K                   | RJ22FL504 | RJ22FP504 | RJ22FW504 | RJ22FX504 |
| 1 MEG                  | RJ22FL105 | RJ22FP105 | RJ22FW105 | RJ22FX105 |

Bourns reserves the right per MIL-R-39035 to substitute a higher grade temperature characteristic or failure rate (QPL) than requested.

# Qualified Part Numbers

**RJ24 (Commercial Model 3296 for P, W, X; Model 3292 for L)**

| Standard Values (ohms) | RJ24F_____ |           |           |           |
|------------------------|------------|-----------|-----------|-----------|
|                        | L          | P         | W         | X         |
| 10                     | RJ24FL100  | RJ24FP100 | RJ24FW100 | RJ24FX100 |
| 20                     | RJ24FL200  | RJ24FP200 | RJ24FW200 | RJ24FX200 |
| 50                     | RJ24FL500  | RJ24FP500 | RJ24FW500 | RJ24FX500 |
| 100                    | RJ24FL101  | RJ24FP101 | RJ24FW101 | RJ24FX101 |
| 200                    | RJ24FL201  | RJ24FP201 | RJ24FW201 | RJ24FX201 |
| 500                    | RJ24FL501  | RJ24FP501 | RJ24FW501 | RJ24FX501 |
| 1K                     | RJ24FL102  | RJ24FP102 | RJ24FW102 | RJ24FX102 |
| 2K                     | RJ24FL202  | RJ24FP202 | RJ24FW202 | RJ24FX202 |
| 5K                     | RJ24FL502  | RJ24FP502 | RJ24FW502 | RJ24FX502 |
| 10K                    | RJ24FL103  | RJ24FP103 | RJ24FW103 | RJ24FX103 |
| 20K                    | RJ24FL203  | RJ24FP203 | RJ24FW203 | RJ24FX203 |
| 25K                    | RJ24FL253  | RJ24FP253 | RJ24FW253 | RJ24FX253 |
| 50K                    | RJ24FL503  | RJ24FP503 | RJ24FW503 | RJ24FX503 |
| 100K                   | RJ24FL104  | RJ24FP104 | RJ24FW104 | RJ24FX104 |
| 250K                   | RJ24FL254  | RJ24FP254 | RJ24FW254 | RJ24FX254 |
| 500K                   | RJ24FL504  | RJ24FP504 | RJ24FW504 | RJ24FX504 |
| 1 MEG                  | RJ24FL105  | RJ24FP105 | RJ24FW105 | RJ24FX105 |

**RJR24 (Commercial Model 3296)**

| Standard Values (ohms) | RJR24F_____ |             |             |
|------------------------|-------------|-------------|-------------|
|                        | P           | W           | X           |
| 10                     | RJR24FP100* | RJR24FW100* | RJR24FX100* |
| 20                     | RJR24FP200* | RJR24FW200* | RJR24FX200* |
| 50                     | RJR24FP500* | RJR24FW500* | RJR24FX500* |
| 100                    | RJR24FP101* | RJR24FW101* | RJR24FX101* |
| 200                    | RJR24FP201* | RJR24FW201* | RJR24FX201* |
| 500                    | RJR24FP501* | RJR24FW501* | RJR24FX501* |
| 1K                     | RJR24FP102* | RJR24FW102* | RJR24FX102* |
| 2K                     | RJR24FP202* | RJR24FW202* | RJR24FX202* |
| 5K                     | RJR24FP502* | RJR24FW502* | RJR24FX502* |
| 10K                    | RJR24FP103* | RJR24FW103* | RJR24FX103* |
| 20K                    | RJR24FP203* | RJR24FW203* | RJR24FX203* |
| 25K                    | RJR24FP253* | RJR24FW253* | RJR24FX253* |
| 50K                    | RJR24FP503* | RJR24FW503* | RJR24FX503* |
| 100K                   | RJR24FP104* | RJR24FW104* | RJR24FX104* |
| 250K                   | RJR24FP254* | RJR24FW254* | RJR24FX254* |
| 500K                   | RJR24FP504* | RJR24FW504* | RJR24FX504* |
| 1 MEG                  | RJR24FP105* | RJR24FW105* | RJR24FX105* |

**RJ/RJR26 (Commercial Model 3262; Commercial Model 3266 for A & B)**

| Standard Values (ohms) | RJ26F_____ |           |           | RJR26F_____ |             |             |             |             |
|------------------------|------------|-----------|-----------|-------------|-------------|-------------|-------------|-------------|
|                        | P          | W         | X         | P           | W           | X           | A**         | B**         |
| 10                     | RJ26FP100  | RJ26FW100 | RJ26FX100 | RJR26FP100* | RJR26FW100* | RJR26FX100* | RJR26FA100* | RJR26FB100* |
| 20                     | RJ26FP200  | RJ26FW200 | RJ26FX200 | RJR26FP200* | RJR26FW200* | RJR26FX200* | RJR26FA200* | RJR26FB200* |
| 50                     | RJ26FP500  | RJ26FW500 | RJ26FX500 | RJR26FP500* | RJR26FW500* | RJR26FX500* | RJR26FA500* | RJR26FB500* |
| 100                    | RJ26FP101  | RJ26FW101 | RJ26FX101 | RJR26FP101* | RJR26FW101* | RJR26FX101* | RJR26FA101* | RJR26FB101* |
| 200                    | RJ26FP201  | RJ26FW201 | RJ26FX201 | RJR26FP201* | RJR26FW201* | RJR26FX201* | RJR26FA201* | RJR26FB201* |
| 500                    | RJ26FP501  | RJ26FW501 | RJ26FX501 | RJR26FP501* | RJR26FW501* | RJR26FX501* | RJR26FA501* | RJR26FB501* |
| 1K                     | RJ26FP102  | RJ26FW102 | RJ26FX102 | RJR26FP102* | RJR26FW102* | RJR26FX102* | RJR26FA102* | RJR26FB102* |
| 2K                     | RJ26FP202  | RJ26FW202 | RJ26FX202 | RJR26FP202* | RJR26FW202* | RJR26FX202* | RJR26FA202* | RJR26FB202* |
| 5K                     | RJ26FP502  | RJ26FW502 | RJ26FX502 | RJR26FP502* | RJR26FW502* | RJR26FX502* | RJR26FA502* | RJR26FB502* |
| 10K                    | RJ26FP103  | RJ26FW103 | RJ26FX103 | RJR26FP103* | RJR26FW103* | RJR26FX103* | RJR26FA103* | RJR26FB103* |
| 20K                    | RJ26FP203  | RJ26FW203 | RJ26FX203 | RJR26FP203* | RJR26FW203* | RJR26FX203* | RJR26FA203* | RJR26FB203* |
| 25K                    | RJ26FP253  | RJ26FW253 | RJ26FX253 | RJR26FP253* | RJR26FW253* | RJR26FX253* | RJR26FA253* | RJR26FB253* |
| 50K                    | RJ26FP503  | RJ26FW503 | RJ26FX503 | RJR26FP503* | RJR26FW503* | RJR26FX503* | RJR26FA503* | RJR26FB503* |
| 100K                   | RJ26FP104  | RJ26FW104 | RJ26FX104 | RJR26FP104* | RJR26FW104* | RJR26FX104* | RJR26FA104* | RJR26FB104* |
| 200K                   | —          | —         | —         | RJR26FP204* | RJR26FW204* | RJR26FX204* | RJR26FA204* | RJR26FB204* |
| 250K                   | RJ26FP254  | RJ26FW254 | RJ26FX254 | RJR26FP254* | RJR26FW254* | RJR26FX254* | RJR26FA254* | RJR26FB254* |
| 500K                   | RJ26FP504  | RJ26FW504 | RJ26FX504 | RJR26FP504* | RJR26FW504* | RJR26FX504* | RJR26FA504* | RJR26FB504* |
| 1 MEG                  | RJ26FP105  | RJ26FW105 | RJ26FX105 | RJR26FP105* | RJR26FW105* | RJR26FX105* | RJR26FA105* | RJR26FB105* |

\*Last letter in number is failure rate level. M = 1.0 %; P = 0.1 %; R = 0.01 %

\*\*Model RJR26FA commercial model is 3266W. Model RJR26FB commercial model is 3266X.

Bourns reserves the right per MIL-PRF-39035 to substitute a higher grade temperature characteristic or failure rate (QPL) than requested.

# Qualified Part Numbers

**RJ12 (Commercial Model 3059)**

| Standard Values (ohms) | RJ12F_____ |           |
|------------------------|------------|-----------|
|                        | P          | Y         |
| 10                     | RJ12FP100  | RJ12FY100 |
| 20                     | RJ12FP200  | RJ12FY200 |
| 50                     | RJ12FP500  | RJ12FY500 |
| 100                    | RJ12FP101  | RJ12FY101 |
| 200                    | RJ12FP201  | RJ12FY201 |
| 500                    | RJ12FP501  | RJ12FY501 |
| 1K                     | RJ12FP102  | RJ12FY102 |
| 2K                     | RJ12FP202  | RJ12FY202 |
| 5K                     | RJ12FP502  | RJ12FY502 |
| 10K                    | RJ12FP103  | RJ12FY103 |
| 20K                    | RJ12FP203  | RJ12FY203 |
| 25K                    | RJ12FP253  | RJ12FY253 |
| 50K                    | RJ12FP503  | RJ12FY503 |
| 100K                   | RJ12FP104  | RJ12FY104 |
| 200K                   | RJ12FP204  | RJ12FY204 |
| 250K                   | RJ12FP254  | RJ12FY254 |
| 500K                   | RJ12FP504  | RJ12FY504 |
| 1 MEG                  | RJ12FP105  | RJ12FY105 |

**RJ/RJR50 (Commercial Model 3329)**

| Standard Values (ohms) | RJ50F_____ | RJR50F_____ |
|------------------------|------------|-------------|
|                        | P          | P           |
| 10                     | RJ50FP100  | RJR50FP100* |
| 20                     | RJ50FP200  | RJR50FP200* |
| 50                     | RJ50FP500  | RJR50FP500* |
| 100                    | RJ50FP101  | RJR50FP101* |
| 200                    | RJ50FP201  | RJR50FP201* |
| 500                    | RJ50FP501  | RJR50FP501* |
| 1K                     | RJ50FP102  | RJR50FP102* |
| 2K                     | RJ50FP202  | RJR50FP202* |
| 5K                     | RJ50FP502  | RJR50FP502* |
| 10K                    | RJ50FP103  | RJR50FP103* |
| 20K                    | RJ50FP203  | RJR50FP203* |
| 25K                    | RJ50FP253  | RJR50FP253* |
| 50K                    | RJ50FP503  | RJR50FP503* |
| 100K                   | RJ50FP104  | RJR50FP104* |
| 200K                   | —          | RJR50FP204* |
| 250K                   | RJ50FP254  | RJR50FP254* |
| 500K                   | RJ50FP504  | RJR50FP504* |
| 1 MEG                  | RJ50FP105  | RJR50FP105* |

\*Last letter in number is failure rate level. M = 1.0 %; P = 0.1 %