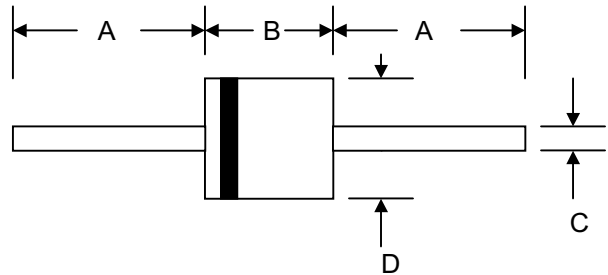


**Features**

- Glass Passivated Die Construction
- 5000W Peak Pulse Power Dissipation
- 5.0V – 110V Standoff Voltage
- Uni- and Bi-Directional Versions Available
- Excellent Clamping Capability
- Fast Response Time
- Plastic Case Material has UL Flammability Classification Rating 94V-O
- UL Recognized File # E224235
- Green Products in Compliance with the RoHS Directive



**Mechanical Data**

- Case: JEDEC P-600 Molded Plastic
- Terminals: Axial Leads, Solderable per MIL-STD-750, Method 2026
- Polarity: Cathode Band or Cathode Notch
- Marking:  
Unidirectional – Device Code and Cathode Band  
Bidirectional – Device Code Only
- Weight: 2.10 grams (approx.)

| P-600 |      |       |       |         |
|-------|------|-------|-------|---------|
| Dim   | Min  | Max   | Min   | Max     |
| A     | 25.4 | —     | 1.000 | —       |
| B     | 8.60 | 9.10  | 0.339 | 0.358   |
| C     | 1.20 | 1.30  | 0.047 | 0.051   |
| D     | 8.60 | 9.10  | 0.339 | 0.358   |
|       |      | In mm |       | In inch |

“C” Suffix Designates Bi-directional Devices  
 “A” Suffix Designates 5% Tolerance Devices  
 No Suffix Designates 10% Tolerance Devices

**Maximum Ratings and Electrical Characteristics @ $T_A=25^{\circ}\text{C}$  unless otherwise specified**

| Characteristic   | Symbol         | Value        | Unit               |
|--|----------------|--------------|--------------------|
| Peak Pulse Power Dissipation at $T_A = 25^{\circ}\text{C}$ (Note 1, 2, 5) Figure 1 | PPPM           | 5000 Minimum | W                  |
| Peak Forward Surge Current per Figure 6 (Note 3)                                   | IFSM           | 400          | A                  |
| Peak Pulse Current on 10/1000 $\mu\text{S}$ Waveform (Note 1) Figure 3             | IPPM           | See Table 1  | A                  |
| Steady State Power Dissipation (Note 2, 4)   | PM(AV)         | 8.0          | W                  |
| Operating and Storage Temperature Range  | $T_J, T_{STG}$ | -55 to +175  | $^{\circ}\text{C}$ |

- Note: 1. Non-repetitive current pulse, per Figure 3 and derated above  $T_A = 25^{\circ}\text{C}$  per Figure 2  
 2. Mounted on 20mm<sup>2</sup> copper pad  
 3. 8.3ms single half sine-wave duty cycle = 4 pulses per minutes maximum  
 4. Lead temperature at  $75^{\circ}\text{C} = T_L$   
 5. Peak pulse power waveform is 10/1000 $\mu\text{S}$

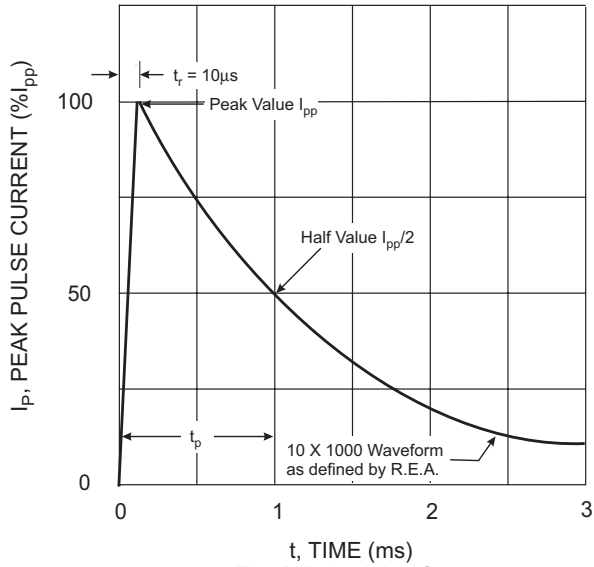


Fig. 1 Pulse Waveform

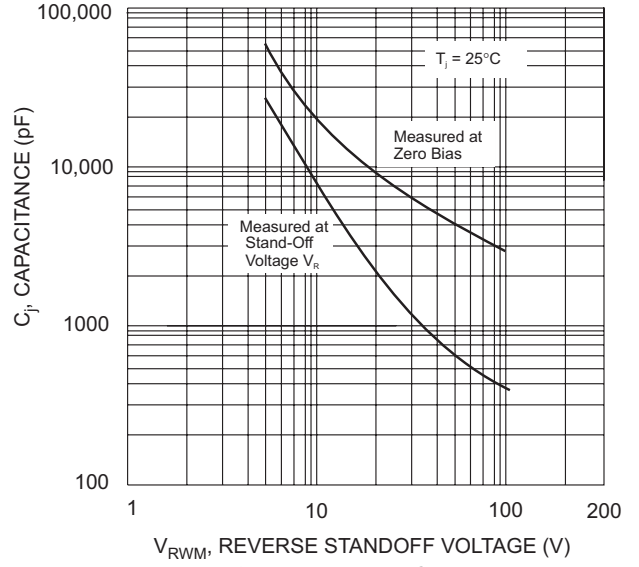


Fig. 2 Typical Junction Capacitance

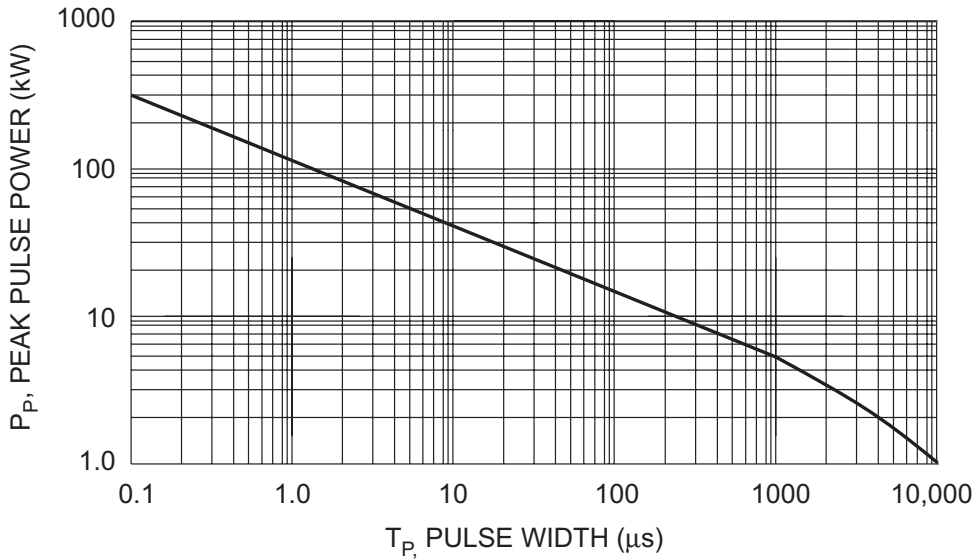


Fig. 3 Pulse Derating Curve

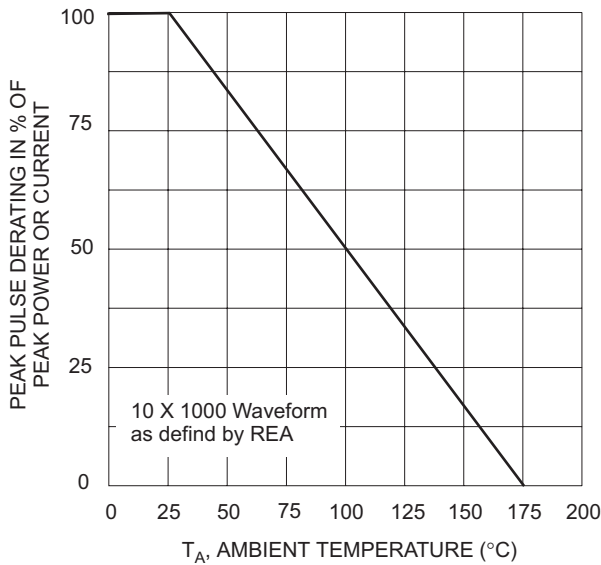


Fig. 4 Pulse Derating Curve

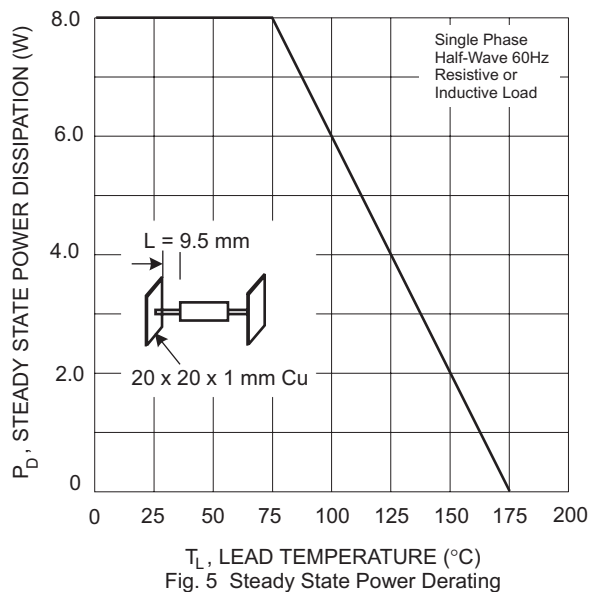


Fig. 5 Steady State Power Derating

## UNI-DIRECTIONAL 5000 WATT AXIAL LEAD TVS

| UNI-DIRECTIONAL PART NUMBER | REVERSE STAND-OFF VOLTAGE VRWM (V) | BREAKDOWN VOLTAGE VBR (V) MIN. @IT | BREAKDOWN VOLTAGE VBR (V) MAX. @IT | TEST CURRENT IT (mA) | MAXIMUM CLAMPING VOLTAGE @Ipp Vc (V) | PEAK PULSE CURRENT Ipp (A) | REVERSE LEAKAGE @VRWM IR (uA) |
|-----------------------------|------------------------------------|------------------------------------|------------------------------------|----------------------|--------------------------------------|----------------------------|-------------------------------|
| 5KP5.0-G                    | 5.00                               | 6.40                               | 7.30                               | 50                   | 9.6                                  | 520                        | 2000                          |
| 5KP5.0A-G                   | 5.00                               | 6.40                               | 7.00                               | 50                   | 9.2                                  | 543                        | 2000                          |
| 5KP6.0-G                    | 6.00                               | 6.67                               | 8.15                               | 50                   | 11.4                                 | 439                        | 5000                          |
| 5KP6.0A-G                   | 6.00                               | 6.67                               | 7.37                               | 50                   | 10.3                                 | 485                        | 5000                          |
| 5KP6.5-G                    | 6.50                               | 7.22                               | 8.82                               | 50                   | 12.3                                 | 407                        | 2000                          |
| 5KP6.5A-G                   | 6.50                               | 7.22                               | 7.98                               | 50                   | 11.2                                 | 447                        | 2000                          |
| 5KP7.0-G                    | 7.00                               | 7.78                               | 9.51                               | 50                   | 13.3                                 | 378                        | 1000                          |
| 5KP7.0A-G                   | 7.00                               | 7.78                               | 8.60                               | 50                   | 12.0                                 | 417                        | 1000                          |
| 5KP7.5-G                    | 7.50                               | 8.33                               | 10.02                              | 5                    | 14.3                                 | 350                        | 250                           |
| 5KP7.5A-G                   | 7.50                               | 8.33                               | 9.21                               | 5                    | 12.9                                 | 388                        | 250                           |
| 5KP8.0-G                    | 8.00                               | 8.99                               | 10.90                              | 5                    | 15.0                                 | 333                        | 150                           |
| 5KP8.0A-G                   | 8.00                               | 8.99                               | 9.83                               | 5                    | 13.6                                 | 367                        | 150                           |
| 5KP8.5-G                    | 8.50                               | 9.44                               | 11.50                              | 5                    | 15.9                                 | 314                        | 50                            |
| 5KP8.5A-G                   | 8.50                               | 9.44                               | 10.40                              | 5                    | 14.4                                 | 347                        | 50                            |
| 5KP9.0-G                    | 9.00                               | 10.00                              | 12.20                              | 5                    | 16.9                                 | 295                        | 20                            |
| 5KP9.0A-G                   | 9.00                               | 10.00                              | 11.20                              | 5                    | 15.4                                 | 325                        | 20                            |
| 5KP10-G                     | 10.00                              | 11.10                              | 13.60                              | 5                    | 18.8                                 | 266                        | 10                            |
| 5KP10A-G                    | 10.00                              | 11.10                              | 12.30                              | 5                    | 17.0                                 | 294                        | 10                            |
| 5KP11-G                     | 11.00                              | 12.20                              | 14.90                              | 5                    | 20.1                                 | 249                        | 10                            |
| 5KP11A-G                    | 11.00                              | 12.20                              | 13.50                              | 5                    | 18.2                                 | 274                        | 10                            |
| 5KP12-G                     | 12.00                              | 13.30                              | 16.30                              | 5                    | 22.0                                 | 227                        | 10                            |
| 5KP12A-G                    | 12.00                              | 13.30                              | 14.70                              | 5                    | 19.9                                 | 251                        | 10                            |
| 5KP13-G                     | 13.00                              | 14.40                              | 17.60                              | 5                    | 23.8                                 | 210                        | 10                            |
| 5KP13A-G                    | 13.00                              | 14.40                              | 15.90                              | 5                    | 21.5                                 | 232                        | 10                            |
| 5KP14-G                     | 14.00                              | 15.60                              | 19.10                              | 5                    | 25.8                                 | 194                        | 10                            |
| 5KP14A-G                    | 14.00                              | 15.60                              | 17.20                              | 5                    | 23.2                                 | 215                        | 10                            |
| 5KP15-G                     | 15.00                              | 16.70                              | 20.40                              | 5                    | 26.9                                 | 188                        | 10                            |
| 5KP15A-G                    | 15.00                              | 16.70                              | 18.50                              | 5                    | 24.4                                 | 206                        | 10                            |
| 5KP16-G                     | 16.00                              | 17.80                              | 21.80                              | 5                    | 28.8                                 | 176                        | 10                            |
| 5KP16A-G                    | 16.00                              | 17.80                              | 19.70                              | 5                    | 26.0                                 | 192                        | 10                            |
| 5KP17-G                     | 17.00                              | 18.90                              | 23.10                              | 5                    | 30.5                                 | 164                        | 10                            |
| 5KP17A-G                    | 17.00                              | 18.90                              | 20.90                              | 5                    | 27.6                                 | 181                        | 10                            |
| 5KP18-G                     | 18.00                              | 20.00                              | 24.40                              | 5                    | 32.2                                 | 155                        | 10                            |
| 5KP18A-G                    | 18.00                              | 20.00                              | 22.10                              | 5                    | 29.2                                 | 172                        | 10                            |
| 5KP20-G                     | 20.00                              | 22.20                              | 27.10                              | 5                    | 35.8                                 | 139                        | 10                            |
| 5KP20A-G                    | 20.00                              | 22.20                              | 24.50                              | 5                    | 32.4                                 | 154                        | 10                            |
| 5KP22-G                     | 22.00                              | 24.40                              | 29.80                              | 5                    | 39.4                                 | 127                        | 10                            |
| 5KP22A-G                    | 22.00                              | 24.40                              | 26.90                              | 5                    | 35.5                                 | 141                        | 10                            |
| 5KP24-G                     | 24.00                              | 26.70                              | 32.60                              | 5                    | 43.0                                 | 116                        | 10                            |
| 5KP24A-G                    | 24.00                              | 26.70                              | 29.50                              | 5                    | 38.9                                 | 128                        | 10                            |
| 5KP26-G                     | 26.00                              | 28.90                              | 35.30                              | 5                    | 46.6                                 | 107                        | 10                            |
| 5KP26A-G                    | 26.00                              | 28.90                              | 31.90                              | 5                    | 42.1                                 | 119                        | 10                            |
| 5KP28-G                     | 28.00                              | 31.10                              | 38.00                              | 5                    | 50.0                                 | 99                         | 10                            |
| 5KP28A-G                    | 28.00                              | 31.10                              | 34.40                              | 5                    | 45.4                                 | 110                        | 10                            |
| 5KP30-G                     | 30.00                              | 33.30                              | 40.70                              | 5                    | 53.5                                 | 93                         | 10                            |
| 5KP30A-G                    | 30.00                              | 33.30                              | 36.90                              | 5                    | 48.4                                 | 103                        | 10                            |
| 5KP33-G                     | 33.00                              | 36.70                              | 44.90                              | 5                    | 59.0                                 | 85                         | 10                            |
| 5KP33A-G                    | 33.00                              | 36.70                              | 40.60                              | 5                    | 53.3                                 | 94                         | 10                            |
| 5KP36-G                     | 36.00                              | 40.00                              | 48.90                              | 5                    | 64.3                                 | 78                         | 10                            |
| 5KP36A-G                    | 36.00                              | 40.00                              | 44.20                              | 5                    | 58.1                                 | 85                         | 10                            |
| 5KP40-G                     | 40.00                              | 44.40                              | 54.30                              | 5                    | 71.4                                 | 70                         | 10                            |
| 5KP40A-G                    | 40.00                              | 44.40                              | 49.10                              | 5                    | 64.5                                 | 78                         | 10                            |
| 5KP43-G                     | 43.00                              | 47.80                              | 58.40                              | 5                    | 76.6                                 | 65                         | 10                            |
| 5KP43A-G                    | 43.00                              | 47.80                              | 52.80                              | 5                    | 69.4                                 | 72                         | 10                            |
| 5KP45-G                     | 45.00                              | 50.00                              | 61.10                              | 5                    | 80.3                                 | 62                         | 10                            |
| 5KP45A-G                    | 45.00                              | 50.00                              | 55.30                              | 5                    | 72.7                                 | 69                         | 10                            |
| 5KP48-G                     | 48.00                              | 53.30                              | 65.10                              | 5                    | 85.5                                 | 58                         | 10                            |
| 5KP48A-G                    | 48.00                              | 53.30                              | 58.90                              | 5                    | 77.4                                 | 65                         | 10                            |
| 5KP51-G                     | 51.00                              | 56.70                              | 69.30                              | 5                    | 91.1                                 | 55                         | 10                            |
| 5KP51A-G                    | 51.00                              | 56.70                              | 62.70                              | 5                    | 82.4                                 | 61                         | 10                            |
| 5KP54-G                     | 54.00                              | 60.00                              | 73.30                              | 5                    | 96.3                                 | 52                         | 10                            |
| 5KP54A-G                    | 54.00                              | 60.00                              | 66.30                              | 5                    | 87.1                                 | 57                         | 10                            |
| 5KP58-G                     | 58.00                              | 64.40                              | 78.70                              | 5                    | 103.0                                | 49                         | 10                            |
| 5KP58A-G                    | 58.00                              | 64.40                              | 71.20                              | 5                    | 93.6                                 | 53                         | 10                            |
| 5KP60-G                     | 60.00                              | 66.70                              | 81.50                              | 5                    | 107.0                                | 47                         | 10                            |
| 5KP60A-G                    | 60.00                              | 66.70                              | 73.70                              | 5                    | 96.8                                 | 52                         | 10                            |
| 5KP64-G                     | 64.00                              | 71.10                              | 86.90                              | 5                    | 114.0                                | 44                         | 10                            |
| 5KP64A-G                    | 64.00                              | 71.10                              | 78.60                              | 5                    | 103.0                                | 49                         | 10                            |
| 5KP70-G                     | 70.00                              | 77.80                              | 95.10                              | 5                    | 125.0                                | 40                         | 10                            |
| 5KP70A-G                    | 70.00                              | 77.80                              | 86.00                              | 5                    | 113.0                                | 44                         | 10                            |
| 5KP75-G                     | 75.00                              | 83.30                              | 102.00                             | 5                    | 134.0                                | 37                         | 10                            |
| 5KP75A-G                    | 75.00                              | 83.30                              | 92.10                              | 5                    | 121.0                                | 41                         | 10                            |
| 5KP78-G                     | 78.00                              | 86.70                              | 106.00                             | 5                    | 139.0                                | 36                         | 10                            |
| 5KP78A-G                    | 78.00                              | 86.70                              | 95.80                              | 5                    | 126.0                                | 40                         | 10                            |
| 5KP85-G                     | 85.00                              | 94.40                              | 115.00                             | 5                    | 151.0                                | 33                         | 10                            |
| 5KP85A-G                    | 85.00                              | 94.40                              | 104.00                             | 5                    | 137.0                                | 36                         | 10                            |
| 5KP90-G                     | 90.00                              | 100.00                             | 122.00                             | 5                    | 160.0                                | 31                         | 10                            |
| 5KP90A-G                    | 90.00                              | 100.00                             | 111.00                             | 5                    | 146.0                                | 34                         | 10                            |
| 5KP100-G                    | 100.00                             | 111.00                             | 136.00                             | 5                    | 179.0                                | 28                         | 10                            |
| 5KP100A-G                   | 100.00                             | 111.00                             | 123.00                             | 5                    | 162.0                                | 31                         | 10                            |
| 5KP110-G                    | 110.00                             | 122.00                             | 149.00                             | 5                    | 196.0                                | 26                         | 10                            |
| 5KP110A-G                   | 110.00                             | 122.00                             | 135.00                             | 5                    | 177.0                                | 28                         | 10                            |

## BI-DIRECTIONAL 5000 WATT AXIAL LEAD TVS

| BI-DIRECTIONAL PART NUMBER | REVERSE STAND-OFF VOLTAGE VRWM (V) | BREAKDOWN VOLTAGE VBR (V) MIN. @IT | BREAKDOWN VOLTAGE VBR (V) MAX. @IT | TEST CURRENT IT (mA) | MAXIMUM CLAMPING VOLTAGE @Ipp Vc (V) | PEAK PULSE CURRENT Ipp (A) | REVERSE LEAKAGE @VRWM IR (uA) |
|----------------------------|------------------------------------|------------------------------------|------------------------------------|----------------------|--------------------------------------|----------------------------|-------------------------------|
| 5KP5.0C-G                  | 5.00                               | 6.40                               | 7.30                               | 50                   | 9.6                                  | 520                        | 4000                          |
| 5KP5.0CA-G                 | 5.00                               | 6.40                               | 7.00                               | 50                   | 9.2                                  | 543                        | 4000                          |
| 5KP6.0C-G                  | 6.00                               | 6.67                               | 8.15                               | 50                   | 11.4                                 | 439                        | 10000                         |
| 5KP6.0CA-G                 | 6.00                               | 6.67                               | 7.37                               | 50                   | 10.3                                 | 485                        | 10000                         |
| 5KP6.5C-G                  | 6.50                               | 7.22                               | 8.82                               | 50                   | 12.3                                 | 407                        | 4000                          |
| 5KP6.5CA-G                 | 6.50                               | 7.22                               | 7.98                               | 50                   | 11.2                                 | 447                        | 4000                          |
| 5KP7.0C-G                  | 7.00                               | 7.78                               | 9.51                               | 50                   | 13.3                                 | 378                        | 2000                          |
| 5KP7.0CA-G                 | 7.00                               | 7.78                               | 8.60                               | 50                   | 12.0                                 | 417                        | 2000                          |
| 5KP7.5C-G                  | 7.50                               | 8.33                               | 10.02                              | 5                    | 14.3                                 | 350                        | 500                           |
| 5KP7.5CA-G                 | 7.50                               | 8.33                               | 9.21                               | 5                    | 12.9                                 | 388                        | 500                           |
| 5KP8.0C-G                  | 8.00                               | 8.99                               | 10.90                              | 5                    | 15.0                                 | 333                        | 300                           |
| 5KP8.0CA-G                 | 8.00                               | 8.99                               | 9.83                               | 5                    | 13.6                                 | 367                        | 300                           |
| 5KP8.5C-G                  | 8.50                               | 9.44                               | 11.50                              | 5                    | 15.9                                 | 314                        | 100                           |
| 5KP8.5CA-G                 | 8.50                               | 9.44                               | 10.40                              | 5                    | 14.4                                 | 347                        | 100                           |
| 5KP9.0C-G                  | 9.00                               | 10.00                              | 12.20                              | 5                    | 16.9                                 | 295                        | 40                            |
| 5KP9.0CA-G                 | 9.00                               | 10.00                              | 11.20                              | 5                    | 15.4                                 | 325                        | 40                            |
| 5KP10C-G                   | 10.00                              | 11.10                              | 13.60                              | 5                    | 18.8                                 | 266                        | 10                            |
| 5KP10CA-G                  | 10.00                              | 11.10                              | 12.30                              | 5                    | 17.0                                 | 294                        | 10                            |
| 5KP11C-G                   | 11.00                              | 12.20                              | 14.90                              | 5                    | 20.1                                 | 249                        | 10                            |
| 5KP11CA-G                  | 11.00                              | 12.20                              | 13.50                              | 5                    | 18.2                                 | 274                        | 10                            |
| 5KP12C-G                   | 12.00                              | 13.30                              | 16.30                              | 5                    | 22.0                                 | 227                        | 10                            |
| 5KP12CA-G                  | 12.00                              | 13.30                              | 14.70                              | 5                    | 19.9                                 | 251                        | 10                            |
| 5KP13C-G                   | 13.00                              | 14.40                              | 17.60                              | 5                    | 23.8                                 | 210                        | 10                            |
| 5KP13CA-G                  | 13.00                              | 14.40                              | 15.90                              | 5                    | 21.5                                 | 232                        | 10                            |
| 5KP14C-G                   | 14.00                              | 15.60                              | 19.10                              | 5                    | 25.8                                 | 194                        | 10                            |
| 5KP14CA-G                  | 14.00                              | 15.60                              | 17.20                              | 5                    | 23.2                                 | 215                        | 10                            |
| 5KP15C-G                   | 15.00                              | 16.70                              | 20.40                              | 5                    | 26.9                                 | 188                        | 10                            |
| 5KP15CA-G                  | 15.00                              | 16.70                              | 18.50                              | 5                    | 24.4                                 | 206                        | 10                            |
| 5KP16C-G                   | 16.00                              | 17.80                              | 21.80                              | 5                    | 28.8                                 | 176                        | 10                            |
| 5KP16CA-G                  | 16.00                              | 17.80                              | 19.70                              | 5                    | 26.0                                 | 192                        | 10                            |
| 5KP17C-G                   | 17.00                              | 18.90                              | 23.10                              | 5                    | 30.5                                 | 164                        | 10                            |
| 5KP17CA-G                  | 17.00                              | 18.90                              | 20.90                              | 5                    | 27.6                                 | 181                        | 10                            |
| 5KP18C-G                   | 18.00                              | 20.00                              | 24.40                              | 5                    | 32.2                                 | 155                        | 10                            |
| 5KP18CA-G                  | 18.00                              | 20.00                              | 22.10                              | 5                    | 29.2                                 | 172                        | 10                            |
| 5KP20C-G                   | 20.00                              | 22.20                              | 27.10                              | 5                    | 35.8                                 | 139                        | 10                            |
| 5KP20CA-G                  | 20.00                              | 22.20                              | 24.50                              | 5                    | 32.4                                 | 154                        | 10                            |
| 5KP22C-G                   | 22.00                              | 24.40                              | 29.80                              | 5                    | 39.4                                 | 127                        | 10                            |
| 5KP22CA-G                  | 22.00                              | 24.40                              | 26.90                              | 5                    | 35.5                                 | 141                        | 10                            |
| 5KP24C-G                   | 24.00                              | 26.70                              | 32.60                              | 5                    | 43.0                                 | 116                        | 10                            |
| 5KP24CA-G                  | 24.00                              | 26.70                              | 29.50                              | 5                    | 38.9                                 | 128                        | 10                            |
| 5KP26C-G                   | 26.00                              | 28.90                              | 35.30                              | 5                    | 46.6                                 | 107                        | 10                            |
| 5KP26CA-G                  | 26.00                              | 28.90                              | 31.90                              | 5                    | 42.1                                 | 119                        | 10                            |
| 5KP28C-G                   | 28.00                              | 31.10                              | 38.00                              | 5                    | 50.0                                 | 99                         | 10                            |
| 5KP28CA-G                  | 28.00                              | 31.10                              | 34.40                              | 5                    | 45.4                                 | 110                        | 10                            |
| 5KP30C-G                   | 30.00                              | 33.30                              | 40.70                              | 5                    | 53.5                                 | 93                         | 10                            |
| 5KP30CA-G                  | 30.00                              | 33.30                              | 36.90                              | 5                    | 48.4                                 | 103                        | 10                            |
| 5KP33C-G                   | 33.00                              | 36.70                              | 44.90                              | 5                    | 59.0                                 | 85                         | 10                            |
| 5KP33CA-G                  | 33.00                              | 36.70                              | 40.60                              | 5                    | 53.3                                 | 94                         | 10                            |
| 5KP36C-G                   | 36.00                              | 40.00                              | 48.90                              | 5                    | 64.3                                 | 78                         | 10                            |
| 5KP36CA-G                  | 36.00                              | 40.00                              | 44.20                              | 5                    | 58.1                                 | 85                         | 10                            |
| 5KP40C-G                   | 40.00                              | 44.40                              | 54.30                              | 5                    | 71.4                                 | 70                         | 10                            |
| 5KP40CA-G                  | 40.00                              | 44.40                              | 49.10                              | 5                    | 64.5                                 | 78                         | 10                            |
| 5KP43C-G                   | 43.00                              | 47.80                              | 58.40                              | 5                    | 76.6                                 | 65                         | 10                            |
| 5KP43CA-G                  | 43.00                              | 47.80                              | 52.80                              | 5                    | 69.4                                 | 72                         | 10                            |
| 5KP45C-G                   | 45.00                              | 50.00                              | 61.10                              | 5                    | 80.3                                 | 62                         | 10                            |
| 5KP45CA-G                  | 45.00                              | 50.00                              | 55.30                              | 5                    | 72.7                                 | 69                         | 10                            |
| 5KP48C-G                   | 48.00                              | 53.30                              | 65.10                              | 5                    | 85.5                                 | 58                         | 10                            |
| 5KP48CA-G                  | 48.00                              | 53.30                              | 58.90                              | 5                    | 77.4                                 | 65                         | 10                            |
| 5KP51C-G                   | 51.00                              | 56.70                              | 69.30                              | 5                    | 91.1                                 | 55                         | 10                            |
| 5KP51CA-G                  | 51.00                              | 56.70                              | 62.70                              | 5                    | 82.4                                 | 61                         | 10                            |
| 5KP54C-G                   | 54.00                              | 60.00                              | 73.30                              | 5                    | 96.3                                 | 52                         | 10                            |
| 5KP54CA-G                  | 54.00                              | 60.00                              | 66.30                              | 5                    | 87.1                                 | 57                         | 10                            |
| 5KP58C-G                   | 58.00                              | 64.40                              | 78.70                              | 5                    | 103.0                                | 49                         | 10                            |
| 5KP58CA-G                  | 58.00                              | 64.40                              | 71.20                              | 5                    | 93.6                                 | 53                         | 10                            |
| 5KP60C-G                   | 60.00                              | 66.70                              | 81.50                              | 5                    | 107.0                                | 47                         | 10                            |
| 5KP60CA-G                  | 60.00                              | 66.70                              | 73.70                              | 5                    | 96.8                                 | 52                         | 10                            |
| 5KP64C-G                   | 64.00                              | 71.10                              | 86.90                              | 5                    | 114.0                                | 44                         | 10                            |
| 5KP64CA-G                  | 64.00                              | 71.10                              | 78.60                              | 5                    | 103.0                                | 49                         | 10                            |
| 5KP70C-G                   | 70.00                              | 77.80                              | 95.10                              | 5                    | 125.0                                | 40                         | 10                            |
| 5KP70CA-G                  | 70.00                              | 77.80                              | 86.00                              | 5                    | 113.0                                | 44                         | 10                            |
| 5KP75C-G                   | 75.00                              | 83.30                              | 102.00                             | 5                    | 134.0                                | 37                         | 10                            |
| 5KP75CA-G                  | 75.00                              | 83.30                              | 92.10                              | 5                    | 121.0                                | 41                         | 10                            |
| 5KP78C-G                   | 78.00                              | 86.70                              | 106.00                             | 5                    | 139.0                                | 36                         | 10                            |
| 5KP78CA-G                  | 78.00                              | 86.70                              | 95.80                              | 5                    | 126.0                                | 40                         | 10                            |
| 5KP85C-G                   | 85.00                              | 94.40                              | 115.00                             | 5                    | 151.0                                | 33                         | 10                            |
| 5KP85CA-G                  | 85.00                              | 94.40                              | 104.00                             | 5                    | 137.0                                | 36                         | 10                            |
| 5KP90C-G                   | 90.00                              | 100.00                             | 122.00                             | 5                    | 160.0                                | 31                         | 10                            |
| 5KP90CA-G                  | 90.00                              | 100.00                             | 111.00                             | 5                    | 146.0                                | 34                         | 10                            |
| 5KP100C-G                  | 100.00                             | 111.00                             | 136.00                             | 5                    | 179.0                                | 28                         | 10                            |
| 5KP100CA-G                 | 100.00                             | 111.00                             | 123.00                             | 5                    | 162.0                                | 31                         | 10                            |
| 5KP110C-G                  | 110.00                             | 122.00                             | 149.00                             | 5                    | 196.0                                | 26                         | 10                            |
| 5KP110CA-G                 | 110.00                             | 122.00                             | 135.00                             | 5                    | 177.0                                | 28                         | 10                            |

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