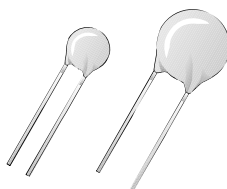


**SUPPRESSORS****METAL OXIDE VARISTORS****CERAMATE type GNR**

Ceramate varistors are designed to offer direct replacement of a wide range of devices from alternative manufacturers. An extensive cross reference chart shown over the following pages allows easy selection of the appropriate Ceramate part. The full specification and main listing of available varistors is shown on pages 537-540.

**NEW****CROSS REFERENCE CHART**

| Maximum<br>Operating<br>Voltage<br>Vrms Vdc | Element<br>Size<br>(Dia.)<br>mm | Energy<br>(10/1000µs)<br>J | <b>CERAMATE</b> | Joyin        | Littelfuse<br>GE-MOV | Epcos<br>SIOV-S | Panasonic<br>ERZ- | BC Comp.<br>(Philips)<br>2322 | Thomson<br>VE | Thomson<br>VF |
|---------------------------------------------|---------------------------------|----------------------------|-----------------|--------------|----------------------|-----------------|-------------------|-------------------------------|---------------|---------------|
| 11 14                                       | 5                               | 0.4                        | GNR05D180K      | JVR5N180K    | V18ZA05              | 05K11           | C05DK180          | —                             | 07M00110K     | 05M10180K     |
|                                             | 7                               | 0.9                        | GNR07D180K      | JVR7N180K    | V18ZA1               | 07K11           | C07DK180          | —                             | 09M00110K     | 07M10180K     |
|                                             | 10                              | 2.1                        | GNR10D180K      | JVR10N180K   | V18ZA2               | 10K11           | C10DK180          | —                             | —             | —             |
|                                             | 14                              | 4                          | GNR14D180K      | JVR14N180K   | V18ZA3               | 14K11           | C14DK180          | —                             | —             | —             |
| 14 18                                       | 5                               | 0.5                        | GNR05D220K      | JVR5N220K    | V22ZA05              | 05K14           | C05DK220          | -592-51406                    | 07M00140K     | 05M10220K     |
|                                             | 7                               | 1.1                        | GNR07D220K      | JVR7N220K    | V22ZA1               | 07K14           | C07DK220          | -593-51406                    | 09M00140K     | 07M10220K     |
|                                             | 10                              | 2.5                        | GNR10D220K      | JVR10N220K   | V22ZA2               | 10K14           | C10DK220          | -594-51406                    | 13M00140K     | 10M10220K     |
|                                             | 14                              | 5                          | GNR14D220K      | JVR14N220K   | V22ZA3               | 14K14           | C14DK220          | -595-51406                    | 17M00140K     | 14M10220K     |
| 17 22                                       | 5                               | 0.6                        | GNR05D270K      | JVR5N270K    | V27ZA05              | 05K17           | C05DK270          | -592-51706                    | 07M00170K     | 05M10270K     |
|                                             | 7                               | 1.4                        | GNR07D270K      | JVR7N270K    | V27ZA1               | 07K17           | C07DK270          | -593-51706                    | 09M00170K     | 07M10270K     |
|                                             | 10                              | 3                          | GNR10D270K      | JVR10N270K   | V27ZA2               | 10K17           | C10DK270          | -594-51706                    | 13M00170K     | 10M10270K     |
|                                             | 14                              | 6                          | GNR14D270K      | JVR14N270K   | V27ZA4               | 14K17           | C14DK270          | -595-51706                    | 17M00170K     | 14M10270K     |
| 20 26                                       | 5                               | 0.8                        | GNR05D330K      | JVR5N330K    | V33ZA05              | 05K20           | C05DK350          | -592-52006                    | 07M00200K     | 05M10330K     |
|                                             | 7                               | 1.7                        | GNR07D330K      | JVR7N330K    | V33ZA1               | 07K20           | C07DK330          | -593-52006                    | 09M00200K     | 07M10330K     |
|                                             | 10                              | 4                          | GNR10D330K      | JVR10N330K   | V33ZA2               | 10K20           | C10DK330          | -594-52006                    | 13M00200K     | 10M10330K     |
|                                             | 14                              | 7.5                        | GNR14D330K      | JVR14N330K   | V33ZA5               | 14K20           | C14DK330          | -595-52006                    | 17M00200K     | 14M10330K     |
| 25 31                                       | 5                               | 0.9                        | GNR05D390K      | JVR5N390K    | V39ZA05              | 05K25           | C05DK390          | -592-52506                    | 07M00250K     | 05M10390K     |
|                                             | 7                               | 2.1                        | GNR07D390K      | JVR7N390K    | V39ZA1               | 07K25           | C07DK390          | -593-52506                    | 09M00250K     | 07M10390K     |
|                                             | 10                              | 4.6                        | GNR10D390K      | JVR10N390K   | V39ZA3               | 10K25           | C10DK390          | -594-52506                    | 13M00250K     | 10M10390K     |
|                                             | 14                              | 8.6                        | GNR14D390K      | JVR14N390K   | V39ZA6               | 14K25           | C14DK390          | -595-52506                    | 17M00250K     | 14M10390K     |
| 30 38                                       | 5                               | 1.1                        | GNR05D470K      | JVR5N470K    | V47ZA05              | 05K30           | C05DK470          | -592-53006                    | 07M00300K     | 05M10470K     |
|                                             | 7                               | 2.5                        | GNR07D470K      | JVR7N470K    | V47ZA1               | 07K30           | C07DK470          | -593-53006                    | 09M00300K     | 07M10470K     |
|                                             | 10                              | 5.5                        | GNR10D470K      | JVR10N470K   | V47ZA3               | 10K30           | C10DK470          | -594-53006                    | 13M00300K     | 10M10470K     |
|                                             | 14                              | 10                         | GNR14D470K      | JVR14N470K   | V47ZA7               | 14K30           | C14DK470          | -595-53006                    | 17M00300K     | 14M10470K     |
| 35 45                                       | 5                               | 1.3                        | GNR05D560K      | JVR5N560K    | V56ZA05              | 05K35           | C05DK560          | -592-53506                    | 07M00350K     | 05M10560K     |
|                                             | 7                               | 3.1                        | GNR07D560K      | JVR7N560K    | V56ZA2               | 07K35           | C07DK560          | -593-53506                    | 09M00350K     | 07M10560K     |
|                                             | 10                              | 7                          | GNR10D560K      | JVR10N560K   | V56ZA3               | 10K35           | C10DK560          | -594-53506                    | 13M00350K     | 10M10560K     |
|                                             | 14                              | 11                         | GNR14D560K      | JVR14N560K   | V56ZA8               | 14K35           | C14DK560          | -595-53506                    | 17M00350K     | 14M10560K     |
| 40 56                                       | 5                               | 1.6                        | GNR05D680K      | JVR5N680K    | V68ZA05              | 05K40           | C05DK680          | -592-54006                    | 07M00400K     | 05M10680K     |
|                                             | 7                               | 3.6                        | GNR07D680K      | JVR7N680K    | V68ZA2               | 07K40           | C07DK680          | -593-54006                    | 09M00400K     | 07M10680K     |
|                                             | 10                              | 8.2                        | GNR10D680K      | JVR10N680K   | V68ZA3               | 10K40           | C10DK680          | -594-54006                    | 13M00400K     | 10M10680K     |
|                                             | 14                              | 14                         | GNR14D680K      | JVR14N680K   | V68ZA10              | 14K40           | C14DK680          | -595-54006                    | 17M00400K     | 14M10680K     |
| 50 65                                       | 5                               | 2.5                        | GNR05D820K      | JVR5N820K    | V82ZA05              | 05K50           | C05DK820          | -592-55006                    | 07M00500K     | 05M10820K     |
|                                             | 7                               | 5.5                        | GNR07D820K      | JVR7N820K    | V82ZA2               | 07K50           | C07DK820          | -593-55006                    | 09M00500K     | 07M10820K     |
|                                             | 10                              | 12                         | GNR10D820K      | JVR10N820K   | V82ZA4               | 10K50           | C10DK820          | -594-55006                    | 13M00500K     | 10M10820K     |
|                                             | 14                              | 22                         | GNR14D820K      | JVR14N820K   | V82ZA12              | 14K50           | C14DK820          | -595-55006                    | 17M00500K     | 14M10820K     |
|                                             | 20                              | 38                         | GNR20D820KA     | JVR20N820KP7 | —                    | —               | —                 | —                             | —             | —             |
|                                             | 20                              | 38                         | GNR20D820K      | JVR20N820K   | —                    | 20K50           | C20DK820          | —                             | —             | —             |
| 60 85                                       | 5                               | 3                          | GNR05D101K      | JVR5N101K    | V100ZA05             | 05K60           | C05DK101          | -592-56006                    | 07M00600K     | 05M10101K     |
|                                             | 7                               | 6.5                        | GNR07D101K      | JVR7N101K    | V100ZA3              | 07K60           | C07DK101          | -593-56006                    | 09M00600K     | 07M10101K     |
|                                             | 10                              | 15                         | GNR10D101K      | JVR10N101K   | V100ZA4              | 10K60           | C10DK101          | -594-56006                    | 13M00600K     | 10M10101K     |
|                                             | 14                              | 28                         | GNR14D101K      | JVR14N101K   | V100ZA15             | 14K60           | C14DK101          | -595-56006                    | 17M00600K     | 14M10101K     |
|                                             | 20                              | 45                         | GNR20D101KA     | JVR20N101KP7 | —                    | —               | —                 | —                             | —             | —             |
|                                             | 20                              | 45                         | GNR20D101K      | JVR20N101K   | —                    | 20K60           | C20DK101          | —                             | —             | —             |

continued on next page





## METAL OXIDE VARISTORS

## SUPPRESSORS

## CERAMATE type GNR

## CROSS REFERENCE CHART (cont.)



| Maximum<br>Operating<br>Voltage<br>Vrms Vdc | Element<br>Size<br>(Dia.)<br>mm | Energy<br>(10/1000µs)<br>J | CERAMATE    | Joyin         | Littelfuse<br>GE-MOV | Epcos<br>SIOV-S | Panasonic<br>ERZ- | BC Comp.<br>(Philips)<br>2322 | Thomson<br>VE | Thomson<br>VF |
|---------------------------------------------|---------------------------------|----------------------------|-------------|---------------|----------------------|-----------------|-------------------|-------------------------------|---------------|---------------|
| 75 100                                      | 5                               | 4                          | GNR05D121K  | JVR5N121K     | V120ZA05             | 05K75           | C05DK121          | -592-57506                    | 07M00750K     | 05M10121K     |
|                                             | 7                               | 7.8                        | GNR07D121K  | JVR7N121K     | V120ZA1              | 07K75           | C07DK121          | -593-57506                    | 09M00750K     | 07M10121K     |
|                                             | 10                              | 18                         | GNR10D121K  | JVR10N121K    | V120ZA4              | 10K75           | C10DK121          | -594-57506                    | 13M00750K     | 10M10121K     |
|                                             | 14                              | 32                         | GNR14D121K  | JVR14N121K    | V120ZA6              | 14K75           | C14DK121          | -595-57506                    | 17M00750K     | 14M10121K     |
|                                             | 20                              | 55                         | GNR20D121KA | JVR20N121KPB7 | V120ZA20             | —               | —                 | —                             | 24M00750K     | 20M10121K     |
|                                             | 20                              | 55                         | GNR20D121K  | JVR20N121K    | —                    | 20K75           | C20DK121          | —                             | —             | —             |
| 95 125                                      | 5                               | 4.8                        | GNR05D151K  | JVR5N151K     | V150ZA05             | 05K95           | C05DK151          | -592-59506                    | 07M00950K     | 05M10151K     |
|                                             | 7                               | 9.7                        | GNR07D151K  | JVR7N151K     | V150ZA1              | 07K95           | C07DK151          | -593-59506                    | 09M00950K     | 07M10151K     |
|                                             | 10                              | 22                         | GNR10D151K  | JVR10N151K    | V150ZA4              | 10K95           | C10DK151          | -594-59506                    | 13M00950K     | 10M10151K     |
|                                             | 14                              | 40                         | GNR14D151K  | JVR14N151K    | V150ZA8              | 14K95           | C14DK151          | -595-59506                    | 17M00950K     | 14M10151K     |
|                                             | 20                              | 70                         | GNR20D151KA | JVR20N151KPB7 | V150ZA20             | —               | —                 | —                             | 24M00950K     | 20M10151K     |
|                                             | 20                              | 70                         | GNR20D151K  | JVR20N151K    | —                    | 20K95           | C20DK151          | —                             | —             | —             |
| 115 150                                     | 5                               | 6                          | GNR05D181K  | JVR5N181K     | V180ZA05             | 05K115          | —                 | —                             | 07M01150K     | 05M10181K     |
|                                             | 7                               | 11                         | GNR07D181K  | JVR7N181K     | V180ZA1              | 07K115          | —                 | —                             | 09M01150K     | 07M10181K     |
|                                             | 10                              | 27                         | GNR10D181K  | JVR10N181K    | V180ZA5              | 10K115          | —                 | —                             | 13M01150K     | 10M10181K     |
|                                             | 14                              | 50                         | GNR14D181K  | JVR14N181K    | V180ZA10             | 14K115          | —                 | —                             | 17M01150K     | 14M10181K     |
|                                             | 20                              | 85                         | GNR20D181KA | JVR20N181KPB7 | V180ZA20             | —               | —                 | —                             | 24M01150K     | 20M10181K     |
|                                             | 20                              | 85                         | GNR20D181K  | JVR20N181K    | —                    | 20K115          | C20DK181          | —                             | —             | —             |
| 130 170                                     | 5                               | 6.5                        | GNR05D201K  | JVR5N201K     | V205ZA05             | 05K130          | C05DK201          | -592-51316                    | 07M00131K     | 05M12050K     |
|                                             | 7                               | 13                         | GNR07D201K  | JVR7N201K     | V130LA2              | 07K130          | C07DK201          | -593-51316                    | 09M00131K     | 07M12050K     |
|                                             | 10                              | 30                         | GNR10D201K  | JVR10N201K    | V130LA5              | 10K130          | C10DK201          | -594-51316                    | 13M00131K     | 10M12050K     |
|                                             | 14                              | 57                         | GNR14D201K  | JVR14N201K    | V130LA10A            | 14K130          | C14DK201          | -595-51316                    | 17M00131K     | 14M12050K     |
|                                             | 20                              | 95                         | GNR20D201KA | JVR20N201KPB7 | V130LA20A            | 20S130BR7       | —                 | —                             | 24M00131K     | 20M12050K     |
|                                             | 20                              | 95                         | GNR20D201K  | JVR20N201K    | —                    | 20K130          | C20DK201          | —                             | —             | —             |
| 140 180                                     | 5                               | 7                          | GNR05D221K  | JVR5N221K     | V220ZA05             | 05K140          | C05DK221          | -592-51416                    | 07M00141K     | 05M10221K     |
|                                             | 7                               | 14                         | GNR07D221K  | JVR7N221K     | V140LA2              | 07K140          | C07DK221          | -593-51416                    | 09M00141K     | 07M10221K     |
|                                             | 10                              | 32                         | GNR10D221K  | JVR10N221K    | V140LA5              | 10K140          | C10DK221          | -594-51416                    | 13M00141K     | 10M10221K     |
|                                             | 14                              | 60                         | GNR14D221K  | JVR14N221K    | V140LA10A            | 14K140          | C14DK221          | -595-51416                    | 17M00141K     | 14M10221K     |
|                                             | 20                              | 100                        | GNR20D221KA | JVR20N221KPB7 | V140LA20A            | —               | —                 | —                             | 24M00141K     | 20M10221K     |
|                                             | 20                              | 100                        | GNR20D221K  | JVR20N221K    | —                    | 20K140          | C20DK221          | —                             | —             | —             |
| 150 200                                     | 5                               | 8                          | GNR05D241K  | JVR5N241K     | V240ZA05             | 05K150          | C05DK241          | -592-51516                    | 07M00151K     | 05M10241K     |
|                                             | 7                               | 15                         | GNR07D241K  | JVR7N241K     | V150LA2              | 07K150          | C07DK241          | -593-51516                    | 09M00151K     | 07M10241K     |
|                                             | 10                              | 35                         | GNR10D241K  | JVR10N241K    | V150LA5              | 10K150          | C10DK241          | -594-51516                    | 13M00151K     | 10M10241K     |
|                                             | 14                              | 63                         | GNR14D241K  | JVR14N241K    | V150LA10A            | 14K150          | C14DK241          | -595-51516                    | 17M00151K     | 14M10241K     |
|                                             | 20                              | 108                        | GNR20D241KA | JVR20N241KPB7 | V150LA20A            | 20S150BR7       | —                 | —                             | 24M00151K     | 20M10241K     |
|                                             | 20                              | 108                        | GNR20D241K  | JVR20N241K    | —                    | 20K150          | C20DK241          | —                             | —             | —             |
| 175 225                                     | 5                               | 8.5                        | GNR05D271K  | JVR5N271K     | V270ZA05             | 05K175          | —                 | —                             | 07M01750K     | 05M10271K     |
|                                             | 7                               | 18                         | GNR07D271K  | JVR7N271K     | V175LA2              | 07K175          | C07DK271          | -593-51716                    | 09M01750K     | 07M10271K     |
|                                             | 10                              | 40                         | GNR10D271K  | JVR10N271K    | V175LA5              | 10K175          | C10DK271          | -594-51716                    | 13M01750K     | 10M10271K     |
|                                             | 14                              | 70                         | GNR14D271K  | JVR14N271K    | V175LA10A            | 14K175          | C14DK271          | -595-51716                    | 17M01750K     | 14M10271K     |
|                                             | 20                              | 127                        | GNR20D271KA | JVR20N271KPB7 | V175LA20A            | —               | —                 | —                             | 24M01750K     | 20M10271K     |
|                                             | 20                              | 127                        | GNR20D271K  | JVR20N271K    | —                    | 20K175          | C20DK271          | —                             | —             | —             |
| 190 250                                     | 5                               | 9                          | GNR05D301K  | JVR5N301K     | —                    | —               | —                 | —                             | —             | —             |
|                                             | 7                               | 21                         | GNR07D301K  | JVR7N301K     | —                    | —               | —                 | —                             | —             | —             |
|                                             | 10                              | 45                         | GNR10D301K  | JVR10N301K    | —                    | —               | —                 | —                             | —             | —             |
|                                             | 14                              | 80                         | GNR14D301K  | JVR14N301K    | —                    | —               | —                 | —                             | —             | —             |
|                                             | 20                              | 135                        | GNR20D301KA | JVR20N301KPB7 | —                    | —               | —                 | —                             | —             | —             |
|                                             | 20                              | 135                        | GNR20D301K  | JVR20N301K    | —                    | —               | —                 | —                             | —             | —             |
| 210 275                                     | 5                               | 9.5                        | GNR05D331K  | JVR5N331K     | —                    | —               | —                 | —                             | 07M00211K     | 05M10331K     |
|                                             | 7                               | 23                         | GNR07D331K  | JVR7N331K     | —                    | —               | C07DK331          | —                             | 09M00211K     | 07M10331K     |
|                                             | 10                              | 43                         | GNR10D331K  | JVR10N331K    | —                    | —               | —                 | —                             | 13M00211K     | 10M10331K     |
|                                             | 14                              | 87                         | GNR14D331K  | JVR14N331K    | —                    | —               | —                 | —                             | 17M00211K     | 14M10331K     |
|                                             | 20                              | 150                        | GNR20D331KA | JVR20N331KPB7 | —                    | —               | —                 | —                             | 24M00211K     | 20M10331K     |
|                                             | 20                              | 150                        | GNR20D331K  | JVR20N331K    | —                    | —               | —                 | —                             | —             | —             |

Cross Reference Chart continued overleaf &gt; &gt; &gt;

**SUPPRESSORS****METAL OXIDE VARISTORS****CERAMATE type GNR****CROSS REFERENCE CHART (cont.)**

| Maximum Operating Voltage<br>Vrms Vdc | Element Size (Dia.)<br>mm | Energy (10/1000µs)<br>J | CERAMATE    | Joyin         | Littelfuse<br>GE-MOV | Epcos<br>SIOV-S | Panasonic<br>ERZ- | BC Comp.<br>(Philips)<br>2322 | Thomson<br>VE | Thomson<br>VF |
|---------------------------------------|---------------------------|-------------------------|-------------|---------------|----------------------|-----------------|-------------------|-------------------------------|---------------|---------------|
| 230 300                               | 5                         | 10                      | GNR05D361K  | JVR5N361K     | V360ZA05             | 05K230          | C05DK361          | -592-52316                    | 07M00231K     | 05M10361K     |
|                                       | 7                         | 25                      | GNR07D361K  | JVR7N361K     | V230LA4              | 07K230          | C07DK361          | -593-52316                    | 09M00231K     | 07M10361K     |
|                                       | 10                        | 47                      | GNR10D361K  | JVR10N361K    | V230LA10             | 10K230          | C10DK361          | -594-52316                    | 13M00231K     | 10M10361K     |
|                                       | 14                        | 93                      | GNR14D361K  | JVR14N361K    | V230LA20A            | 14K230          | C14DK361          | -595-52316                    | 17M00231K     | 14M10361K     |
|                                       | 20                        | 163                     | GNR20D361KA | JVR20N361KPB7 | V230LA40             | —               | —                 | —                             | 24M00231K     | 20M10361K     |
|                                       | 20                        | 163                     | GNR20D361K  | JVR20N361K    | —                    | 20K230          | C20DK361          | —                             | —             | —             |
| 250 320                               | 5                         | 12                      | GNR05D391K  | JVR5N391K     | V390ZA05             | 05K250          | C05DK391          | -592-52516                    | 07M00251K     | 05M10391K     |
|                                       | 7                         | 25                      | GNR07D391K  | JVR7N391K     | V250LA4              | 07K250          | C07DK391          | -593-52516                    | 09M00251K     | 07M10391K     |
|                                       | 10                        | 60                      | GNR10D391K  | JVR10N391K    | V250LA10             | 10K250          | C10DK391          | -594-52516                    | 13M00251K     | 10M10391K     |
|                                       | 14                        | 100                     | GNR14D391K  | JVR14N391K    | V250LA20A            | 14K250          | C14DK391          | -595-52516                    | 17M00251K     | 14M10391K     |
|                                       | 20                        | 180                     | GNR20D391KA | JVR20N391KPB7 | V250LA40A            | 20S250BR7       | —                 | —                             | 24M00251K     | 20M10391K     |
|                                       | 20                        | 180                     | GNR20D391K  | JVR20N391K    | —                    | 20K250          | C20DK391          | —                             | —             | —             |
| 275 350                               | 5                         | 13                      | GNR05D431K  | JVR5N431K     | V430ZA05             | 05K275          | C05DK431          | -592-52716                    | 07M02750K     | 05M10431K     |
|                                       | 7                         | 28                      | GNR07D431K  | JVR7N431K     | V275LA4              | 07K275          | C07DK431          | -593-52716                    | 09M02750K     | 07M10431K     |
|                                       | 10                        | 65                      | GNR10D431K  | JVR10N431K    | V275LA10             | 10K275          | C10DK431          | -594-52716                    | 13M02750K     | 10M10431K     |
|                                       | 14                        | 115                     | GNR14D431K  | JVR14N431K    | V275LA20A            | 14K275          | C14DK431          | -595-52716                    | 17M02750K     | 14M10431K     |
|                                       | 20                        | 190                     | GNR20D431KA | JVR20N431KPB7 | V275LA40A            | 20S275BR7       | —                 | —                             | 24M02750K     | 20M10431K     |
|                                       | 20                        | 190                     | GNR20D431K  | JVR20N431K    | —                    | 20K275          | C20DK431          | —                             | —             | —             |
| 300 385                               | 5                         | 15                      | GNR05D471K  | JVR5N471K     | V470ZA05             | 05K300          | C05DK471          | -592-53016                    | 07M00301K     | 05M10471K     |
|                                       | 7                         | 30                      | GNR07D471K  | JVR7N471K     | V300LA4              | 07K300          | C07DK471          | -593-53016                    | 09M00301K     | 07M10471K     |
|                                       | 10                        | 70                      | GNR10D471K  | JVR10N471K    | V300LA10             | 10K300          | C10DK471          | -594-53016                    | 13M00301K     | 10M10471K     |
|                                       | 14                        | 125                     | GNR14D471K  | JVR14N471K    | V300LA20A            | 14K300          | C14DK471          | -595-53016                    | 17M00301K     | 14M10471K     |
|                                       | 20                        | 220                     | GNR20D471KA | JVR20N471KPB7 | V300LA40A            | —               | —                 | —                             | 24M00301K     | 20M10471K     |
|                                       | 20                        | 220                     | GNR20D471K  | JVR20N471K    | —                    | 20K300          | C20DK471          | —                             | —             | —             |
| 320 418                               | 10                        | 67                      | GNR10D511K  | JVR10N511K    | V320LA10             | 10K320          | —                 | -594-53216                    | 13M00321K     | 10M10511K     |
|                                       | 14                        | 122                     | GNR14D511K  | JVR14N511K    | V320LA20A            | 14K320          | C14DK511          | -595-53216                    | 17M00321K     | 14M10511K     |
|                                       | 20                        | 210                     | GNR20D511KA | JVR20N511KPB7 | V320LA40A            | —               | —                 | —                             | 24M00321K     | 20M10511K     |
|                                       | 20                        | 210                     | GNR20D511K  | JVR20N511K    | —                    | 20K320          | C20DK511          | —                             | —             | —             |
| 350 460                               | 10                        | 68                      | GNR10D561K  | JVR10N561K    | —                    | —               | —                 | —                             | 13M00351K     | 10M10561K     |
|                                       | 14                        | 123                     | GNR14D561K  | JVR14N561K    | —                    | —               | —                 | —                             | 17M00351K     | 14M10561K     |
|                                       | 20                        | 214                     | GNR20D561KA | JVR20N561KPB7 | —                    | —               | —                 | —                             | 24M00351K     | 20M10561K     |
|                                       | 20                        | 214                     | GNR20D561K  | JVR20N561K    | —                    | —               | —                 | —                             | —             | —             |
| 385 505                               | 10                        | 70                      | GNR10D621K  | JVR10N621K    | V385LA10             | 10K385          | C10DK621          | -594-53816                    | 13M03850K     | 10M10621K     |
|                                       | 14                        | 125                     | GNR14D621K  | JVR14N621K    | V385LA20A            | 14K385          | C14DK621          | -595-53816                    | 17M03850K     | 14M10621K     |
|                                       | 20                        | 220                     | GNR20D621KA | JVR20N621KPB7 | V385LA40A            | —               | —                 | —                             | 24M03850K     | 20M10621K     |
|                                       | 20                        | 220                     | GNR20D621K  | JVR20N621K    | —                    | 20K385          | C20DK621          | —                             | —             | —             |
| 420 560                               | 10                        | 72                      | GNR10D681K  | JVR10N681K    | V420LA10             | 10K420          | C10DK681          | -594-54216                    | 13M00421K     | 10M10681K     |
|                                       | 14                        | 130                     | GNR14D681K  | JVR14N681K    | V420LA20A            | 14K420          | C14DK681          | -595-54216                    | 17M00421K     | 14M10681K     |
|                                       | 20                        | 230                     | GNR20D681KA | JVR20N681KPB7 | V420LA40A            | —               | —                 | —                             | 24M00421K     | 20M10681K     |
|                                       | 20                        | 230                     | GNR20D681K  | JVR20N681K    | —                    | 20K420          | C20DK681          | —                             | —             | —             |
| 460 615                               | 10                        | 75                      | GNR10D751K  | JVR10N751K    | —                    | 10K460          | C10DK751          | -594-54616                    | 13M00461K     | 10M10751K     |
|                                       | 14                        | 143                     | GNR14D751K  | JVR14N751K    | —                    | 14K460          | C14DK751          | -595-54616                    | 17M00461K     | 14M10751K     |
|                                       | 20                        | 255                     | GNR20D751KA | JVR20N751KPB7 | —                    | —               | —                 | —                             | 24M00461K     | 20M10751K     |
|                                       | 20                        | 255                     | GNR20D751K  | JVR20N751K    | —                    | 20K460          | C20DK751          | —                             | —             | —             |
| 485 640                               | 10                        | 80                      | GNR10D781K  | JVR10N781K    | V480LA10             | —               | C10DK781          | —                             | —             | —             |
|                                       | 14                        | 148                     | GNR14D781K  | JVR14N781K    | V480LA40A            | —               | C14DK781          | —                             | —             | —             |
|                                       | 20                        | 265                     | GNR20D781KA | JVR20N781KPB7 | V480LA80A            | —               | —                 | —                             | —             | —             |
|                                       | 20                        | 265                     | GNR20D781K  | JVR20N781K    | —                    | —               | C20DK781          | —                             | —             | —             |
| 510 670                               | 10                        | 85                      | GNR10D821K  | JVR10N821K    | V510LA10             | 10K510          | C10DK821          | -594-55116                    | 13M00511K     | 10M10821K     |
|                                       | 14                        | 157                     | GNR14D821K  | JVR14N821K    | V510LA40A            | 14K510          | C14DK821          | -595-55116                    | 17M00511K     | 14M10821K     |
|                                       | 20                        | 282                     | GNR20D821KA | JVR20N821KPB7 | V510LA80A            | —               | —                 | —                             | 24M00511K     | 20M10821K     |
|                                       | 20                        | 282                     | GNR20D821K  | JVR20N821K    | —                    | 20K510          | C20DK821          | —                             | —             | —             |
| 550 745                               | 10                        | 93                      | GNR10D911K  | JVR10N911K    | V575LA10             | 10K550          | C10DK911          | -594-55516                    | 13M05750K     | 10M10911K     |
|                                       | 14                        | 175                     | GNR14D911K  | JVR14N911K    | V575LA40A            | 14K550          | C14DK911          | -595-55516                    | 17M05750K     | 14M10911K     |
|                                       | 20                        | 310                     | GNR20D911KA | JVR20N911KPB7 | V575LA80A            | —               | —                 | —                             | 24M05750K     | 20M10911K     |
|                                       | 20                        | 310                     | GNR20D911K  | JVR20N911K    | —                    | 20K550          | C20DK911          | —                             | —             | —             |
| 680 895                               | 10                        | 115                     | GNR10D112K  | JVR10N112K    | V660LA10             | 10K680          | C10DK112          | —                             | —             | —             |
|                                       | 14                        | 213                     | GNR14D112K  | JVR14N112K    | V660LA50A            | 14K680          | C14DK112          | —                             | —             | —             |
|                                       | 20                        | 383                     | GNR20D112KA | JVR20N112KPB7 | V660LA100A           | —               | —                 | —                             | —             | —             |
|                                       | 20                        | 383                     | GNR20D112K  | JVR20N112K    | —                    | 20K680          | C20DK112          | —                             | —             | —             |





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