

STANDARD RECTIFIERS

| Io (A) | 0.5 | 0.8 | 1.0 | | |
|--------------|-----------------------|----------|---------|------------------------|----------|
| CASE TYPE | DO-213AA MINI-MELF | DO-204AL | MPG06 | DO-204AL | DO-204AC |
| | | | | | |
| VRRM (VOLTS) | | | | | |
| 50 | GL34A | GP08A | MPG06A# | (1)GP10A/E | |
| 100 | GL34B | GP08B | MPG06B# | (1)GP10B/E | |
| 200 | GL34D | GP08D | MPG06D# | (1)GP10D/E 1N3611GP | 1N4383GP |
| 300 | | | | | |
| 400 | GL34G | GP08G | MPG06G# | (1)GP10G/E 1N3612GP | 1N4384GP |
| 500 | | | | | |
| 600 | GL34J | GP08J | MPG06J# | (1)GP10J/E 1N3613GP | 1N4385GP |
| 700 | | | | | |
| 800 | | | MPG06K# | (1)GP10K/E 1N3614GP | 1N4386GP |
| 1000 | | | MPG06M# | (1)GP10M/E 1N3615GP | 1N4388GP |
| 1100-1600 | | | | GP10N GP10Y** | |
| SURGE (A) | 10.0 | 25.0 | 40.0 | 30.0/25.0 | 50.0 |

Notes:




#Uses glass passivated chips

☐ Shaded area indicates SUPERRECTIFIER®

** Up to 1600 volts available with GP10 series

(1) "E" Suffix indicates .026"/.023" (.66/.58mm) diameter leads which are available upon request

STANDARD RECTIFIERS (cont.)

| Io (A) | 1.6 | | | | | |
|------------------|---|---------|--------|------|---|---|
| CASE TYPE | DO-204AP | | | | DO-204AL | DO-213AB MELF |
| VRRM (VOLTS) |  | | | |  |  |
| 50 | | | | G1A | 1N4001* / M100A | 1N475 / GL11A |
| 100 | | | | G1B | 1N4002* / M100B | 1N475 / GL11B |
| 200 | 1N4245* | 1N5059* | 1N5614 | G1D | 1N4003* / M100D | 1N475 / GL11D |
| 300 | | | | | | |
| 400 | 1N4246* | 1N5060* | 1N5616 | G1G | 1N4004* / M100G | 1N475 / GL11G |
| 500 | | | | | | |
| 600 | 1N4247* | 1N5061* | 1N5618 | G1J | 1N4005* / M100J | 1N475 / GL11J |
| 700 | | | | | | |
| 800 | 1N4248* | 1N5062* | 1N5620 | G1K | 1N4006* / M100K | 1N475 / GL11K |
| 1000 | 1N4249* | | 1N5622 | G1M | 1N4007* / M100M | 1N475 / GL11M |
| 1100-1600 | | | | | | GL117 / GL117** |
| SURGE (A) | 25.0 | 50.0 | 50.0 | 50.0 | 30.0/50.0 | 30.0 / 25.0 |










Notes:

☐ Shaded area indicates SUPERRECTIFIER*

* Also available in SUPERRECTIFIER[®] by adding "GP" suffix, or with .026/.023" (.66/.58mm) lead diameters by adding suffix letters "GPE"


** Up to 1600 Volts available with GL11 series

STANDARD RECTIFIERS (cont.)

| Io (A) | 1.0 | | | 1.5 | | | 2.0 | | 2.5 | 3.0 |
|--------------|---|---|---|---|--|---|---|---|---|-----------------|
| CASE TYPE | DO-213AB MELF | DO-214AC SMA | DO-214BA | DO-204AC | | DO-214AA SMB | GP20 | DO-204AP | DO-201AD | DO-214AB SMC |
| VRRM (VOLTS) |  |  |  |  |  |  |  |  |  | |
| 50 | #BYM10-50 | S1A# | GF1A | GP15A | 1N5391* | S2A# | GP20A | G2A | GP25A | S3A# |
| 100 | #BYM10-100 | S1B# | GF1B | GP15B | 1N5392* | S2B# | GP20B | G2B | GP25B | S3B# |
| 200 | #BYM10-200 | S1D# | GF1D | GP15D | 1N5393* | S2D# | GP20D | G2D | GP25D | S3D# |
| 300 | | | | | 1N5394* | | | | | |
| 400 | #BYM10-400 | S1G# | GF1G | GP15G | 1N5395* | S2G# | GP20G | G2G | GP25G | S3G# |
| 500 | | | | | 1N5396* | | | | | |
| 600 | #BYM10-600 | S1J# | GF1J | GP15J | 1N5397* | S2J# | GP20J | G2J | GP25J | S3J# |
| 700 | | | | | | | | | | |
| 800 | #BYM10A-800 | S1K# | GF1K | GP15K | 1N5398* | S2K# | | G2K | GP25K | S3K# |
| 1000 | #BYM10A-1000 | S1M# | GF1M | GP15M | 1N5399* | S2M# | | G2M | GP25M | S3M# |
| 1100-1600 | | | | | | | | | | |
| SURGE (A) | 30.0 | 30.0 | 30.0 | 50.0 | 50.0 | 50.0 | 80.0 | 50.0 | 100.0 | 100.0 |

Notes:





#Uses glass passivated chips

 Shaded area indicates SUPERECTIFIER™

* Also available in SUPERECTIFIER™ by adding "GP" suffix

(1) BYM10. A-XXX numbers (European designations) are equivalent to the GL41 series



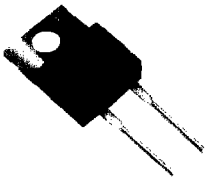
STANDARD RECTIFIERS (cont.)

| I _o (A) | 3.0 | | | | | | | |
|--------------------------|---|---------|---|-------|---|-------|---|--------|
| CASE TYPE | DO-201AD | | G3 | | G4 | | DO-201AD | |
| V _{RRM} (VOLTS) |  | |  | |  | |  | |
| 50 | GP30A | | | G3A | | G4A | G1500 | 1N5400 |
| 100 | GP30B | | | G3B | | G4B | G1501 | 1N5401 |
| 200 | GP30D | 1N5618* | 1N5624* | G3D | 1N5550 | G4D | G1502 | 1N5402 |
| 300 | | | | | | | | 1N5403 |
| 400 | GP30E | 1N5619* | 1N5625* | G3E | 1N5551 | G4E | G1504 | 1N5404 |
| 500 | | | | | | | | 1N5405 |
| 600 | GP30J | 1N5620* | 1N5626* | G3J | 1N5552 | G4J | G1506 | 1N5406 |
| 700 | | | | | | | | |
| 800 | GP30K | 1N5621* | 1N5627* | G3K | | | G1508 | 1N5407 |
| 1000 | GP30M | | | G3M | | | G1510 | 1N5408 |
| 1100-1600 | | 1N5622* | | | | | | |
| SURGE (A) | 125.0 | 100.0 | 125.0 | 125.0 | 125.0 | 125.0 | 100.0 | 200.0 |

Notes:

- Shaded area indicates SUPERECTIFIER*
- * Also available in SUPERECTIFIER* by adding "GP" suffix

STANDARD RECTIFIERS (cont.)

| I_o (A) | 3.0 | | 6.0 | | 8.0 |
|--------------------------------|---|-------|---|--------|---|
| CASE TYPE | DO-218AD | | P600 | | TO-220AC |
| V_{RRM} (VOLTS) |  | |  | |  |
| 50 | P300A | P600A | GI750 | NS8AT# | |
| 100 | P300B | P600B | GI751 | NS8BT# | |
| 200 | P300D | P600D | GI752 | NS8DT# | |
| 300 | | | | | |
| 400 | P300G | P600G | GI754 | NS8GT# | |
| 500 | | | | | |
| 600 | P300J | P600J | GI756 | NS8JT# | |
| 700 | | | | | |
| 800 | P300K | P600K | GI758 | NS8KT# | |
| 1000 | P300M | P600M | | NS8MT# | |
| SURGE (A) | 200.0 | 400.0 | 400.0 | 175.0 | |

Note:
#Uses glass passivated chips

Mouser Electronics

Authorized Distributor

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[GP25M-E3/54](#)