

|                      |  | SOD-80C   |  |  | DO-213AA  |  |  | DO-213AB   |  | DO-213AB   |  |  | SOD-123FL                                    |  | DO-214AC                           |  |  | DO-214AA  |  |  | DO-214AB   |   |  |  |   |  |   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------|--|---|--|--|---|--|--|--|--|--|--|--|--|--|------------------------------------|--|--|---|--|--|--|---|--|--|---|--|---|--|--------------------------------|---|--|---|--|---|------------------|--|------------------|--|---|--|--|---|--------|--|--|--|--|---|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                      |  | Glass MiniMelf  |  |  | Plastic MiniMelf  |  |  | Glass Melf*  |  | Plastic Melf   |  |  |  |  | SMA                                |  |  | SMB   |  |  | SMC  |   |  |  |   |  |   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SMD Diodes/Rectifier |  | Diodes/Rectifier  |  |  | Diodes/Rectifier  |  |  | Diodes/Rectifier   |  | Diodes/Rectifier   |  |  |  |  | Diodes/Rectifier                   |  |  | Diodes/Rectifier  |  |  | Diodes/Rectifier                                 |   |  | Diodes/Rectifier   |   |  |   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | Diodes/Rectifier  |  |  | Diodes/Rectifier  |  |  | Diodes/Rectifier   |  | Diodes/Rectifier   |  |  |  |  | Diodes/Rectifier                   |  |  | Diodes/Rectifier  |  |  | Diodes/Rectifier                                 |   |  | Diodes/Rectifier   |   |  |   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | I <sub>FAV</sub>  |  |  | I <sub>FAV</sub>  |  |  | I <sub>FAV</sub>   |  | I <sub>FAV</sub>   |  |  | I <sub>FAV</sub>                             |  | I <sub>FAV</sub>                   |  |  | I <sub>FAV</sub>  |  |  | I <sub>FAV</sub>                                 |   |  | I <sub>FAV</sub>   |   |  |   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | 0.015 ... 0.35 A  |  |  | 0.2 A   |  |  | 0.5 A  |  | 1 A  |  |  | 1 A  |  | 1 A                                |  |  | 1 A   |  |  | 2 A  |   |  | 3 A  |   |  | 1 A / 3 A   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | V <sub>RRM</sub> 50   |  |  | V <sub>RRM</sub> 100  |  |  | V <sub>RRM</sub> 200   |  | V <sub>RRM</sub> 400   |  |  | V <sub>RRM</sub> 600                         |  | V <sub>RRM</sub> 800               |  |  | V <sub>RRM</sub> 1000                                   |  |  | V <sub>RRM</sub> 1300                            |   |  | V <sub>RRM</sub> 1600  |   |  | V <sub>RRM</sub> 1800   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | Standard Recovery   |  |  | Standard Recovery   |  |  | Standard Recovery  |  | Standard Recovery  |  |  | Standard Recovery                            |  | Standard Recovery                  |  |  | Standard Recovery                                       |  |  | Standard Recovery                                |   |  | Standard Recovery  |   |  | Standard Recovery   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | GL34A, GL1A, AL1A <sup>1)</sup>   |  |  | GL34B, GL1B, AL1B <sup>1)</sup>                                       |  |  | GL34D, GL1D, AL1D <sup>1)</sup>                                |  | GL34G, GL1G, AL1G <sup>1)</sup>                                      |  |  | GL34J, GL1J, AL1J <sup>1)</sup>              |  | GL34K, GL1K, AL1K <sup>1)</sup>    |  |  | GL34M, GL1M, AL1M <sup>1)</sup>                         |  |  | SM4001, SM5400                                   |   |  | SM4002, SM5401   |   |  | SM4003, SM5402  |  | SM4004, SM5404                 |   | SM4005, SM5406   |   | SM4006, SM5407   |   | SM4007, SM5408   |  | SM513            |  | SM516   AM2000 <sup>1)</sup>  |  | SM518                                    |   | SM2000 |  | under development                                |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | More packages see "Small Signal Diodes & Transistors"   |  |  |   |  |  |  |  |  |  |  |  |  |                                    |  |  |   |  |  |  |   |  |  |   |  |   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | 1) Devices with Controlled Avalanche Characteristic   |  |  |   |  |  |  |  |  |  |  |  |  |                                    |  |  |   |  |  |  |   |  |  |   |  |   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | 2) with ESD Characteristic  |  |  |   |  |  |  |  |  |  |  |  |  |                                    |  |  |   |  |  |  |   |  |  |   |  |   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | * Budget Device   |  |  |   |  |  |  |  |  |  |  |  |  |                                    |  |  |   |  |  |  |   |  |  |   |  |   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | 1) Devices with Controlled Avalanche Characteristic   |  |  |   |  |  |  |  |  |  |  |  |  |                                    |  |  |   |  |  |  |   |  |  |   |  |   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | S1Y   S1YL*   |  |  |   |  |  |  |  |  |  |  |  |  |                                    |  |  |   |  |  |  |   |  |  |   |  |   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | V <sub>RRM</sub> 50   |  |  | V <sub>RRM</sub> 100  |  |  | V <sub>RRM</sub> 200   |  | V <sub>RRM</sub> 400   |  |  | V <sub>RRM</sub> 600                         |  | V <sub>RRM</sub> 800               |  |  | V <sub>RRM</sub> 1000                                   |  |  | V <sub>RRM</sub> 1000                            |   |  | V <sub>RRM</sub> 1000  |   |  | V <sub>RRM</sub> 1000   |  |                                | V <sub>RRM</sub> 1000                           |  | V <sub>RRM</sub> 1000                     |  | V <sub>RRM</sub> 1000                     |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | Fast Recovery   |  |  | Fast Recovery   |  |  | Fast Recovery  |  | Fast Recovery  |  |  | Fast Recovery                                |  | Fast Recovery                      |  |  | Fast Recovery   |  |  | Fast Recovery                                    |   |  | Fast Recovery  |   |  | Fast Recovery   |  |                                | Fast Recovery                                   |  | Fast Recovery                             |  | Fast Recovery                             |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | RGL34A, RGL1A, RAL1A <sup>1)</sup>  |  |  | RGL34B, RGL1B, RAL1B <sup>1)</sup>                                    |  |  | RGL34D, RGL1D, RAL1D <sup>1)</sup>                             |  | RGL34G, RGL1G, RAL1G <sup>1)</sup>                                   |  |  | RGL34J, RGL1J, RAL1J <sup>1)</sup>           |  | RGL34K, RGL1K, RAL1K <sup>1)</sup> |  |  | RGL34M, RGL1M, RAL1M <sup>1)</sup>                      |  |  | SA154, SA155, SA156, SA157, SA158, SA159, SA160  |   |  | SA261 (1200 V), SA262 (1400 V), SA263 (1600 V), SA264 (1800 V), SA265 (2000 V) |   |  | FRL1A, FRL1B, FRL1D, FRL1G, FRL1J, FRL1K, FRL1M               |  |                                | FR1A, FR1B, FR1D, FR1G, FR1J, FR1K, FR1M        |  |   | FR2A, FR2B, FR2D, FR2G, FR2J, FR2K, FR2M                   |   |                  | FR3A, FR3B, FR3D, FR3G, FR3J, FR3K, FR3M                       |                  |  | FR3A, FR3B, FR3D, FR3G, FR3J, FR3K, FR3M  |  | FR3A, FR3B, FR3D, FR3G, FR3J, FR3K, FR3M |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | Some products are also available as AEC-Q101 qualified parts (suffix -AQ). For further information please contact automotive@diotec.com   |  |  |   |  |  |  |  |  |  |  |  |  |                                    |  |  |   |  |  |  |   |  |  |   |  |   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | V <sub>RRM</sub> 50   |  |  | V <sub>RRM</sub> 100  |  |  | V <sub>RRM</sub> 200   |  | V <sub>RRM</sub> 400   |  |  | V <sub>RRM</sub> 600                         |  | V <sub>RRM</sub> 800               |  |  | V <sub>RRM</sub> 1000                                   |  |  | V <sub>RRM</sub> 1000                            |   |  | V <sub>RRM</sub> 1000  |   |  | V <sub>RRM</sub> 1000   |  |                                | V <sub>RRM</sub> 1000                           |  | V <sub>RRM</sub> 1000                     |  | V <sub>RRM</sub> 1000                     |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | Ultrafast Recov.  |  |  | Ultrafast Recov.  |  |  | Ultrafast Recov.   |  | Ultrafast Recov.   |  |  | Ultrafast Recov.                             |  | Ultrafast Recov.                   |  |  | Ultrafast Recov.  |  |  | Ultrafast Recov.                                 |   |  | Ultrafast Recov.   |   |  | Ultrafast Recov.  |  |                                | Ultrafast Recov.                                |  | Ultrafast Recov.                          |  | Ultrafast Recov.                          |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | LL4150 / LL4151, LL4148 / LL4448, Quadro-MiniMelf: LS4148 / LS4448 (300 V), (100 V)   |  |  | BAV100, BAV101, BAV102, BAV103  |  |  | EGL34A, EGL1A, EAL1A <sup>1)</sup>                             |  | EGL34B, EGL1B, EAL1B <sup>1)</sup>                                   |  |  | EGL34D, EGL1D, EAL1D <sup>1)</sup>           |  |                                    | EGL34G, EGL1G, EAL1G <sup>1)</sup>                                       |  | EGL34J, EGL1J, EAL1J <sup>1)</sup>                      |  |  | EGL34K, EGL1K, EAL1K <sup>1)</sup>               |   |  | EGL34M, EGL1M, EAL1M <sup>1)</sup>   |   |  | SUF4001, SUF4002, SUF4003, SUF4004, SUF4005, SUF4006, SUF4007 |  |                                | USL1A, USL1B, USL1D, USL1G, USL1J, USL1K, USL1M |  |   | US1A, US1B, US1D, US1G, US1J, US1M                         |   |                  | ER1A, ER1B, ER1D, ER1G, ER1J, ER1M                             |                  |  | ES1A, ES1B, ES1D, ES1G, ES1J, ES2ASMA, ES2BSMA, ES2DSMA, ES2GSMA, ES2JSMA, BYG23T <sup>1)</sup> (1300V) |  |  | US2A, US2B, US2D, US2G, US2J, US2K, US2M  |        |  | ER2A, ER2B, ER2D, ER2G, ER2J, ER2K, ER2M         |  |  | ES2A, ES2B, ES2D, ES2G, ES3ASMB, ES3BSMB, ES3DSMB, ES3GSMB, ES3JSMB |  |   | US3A, US3B, US3D, US3G, US3J, US3K, US3M |  |  | ER3A, ER3B, ER3D, ER3G, ER3J, ER3K, ER3M |  |  | ES3A, ES3B, ES3D, ES3G, ES3J, ES3K, ES3M |  |  | US3A, US3B, US3D, US3G, US3J, US3K, US3M |  | ER3A, ER3B, ER3D, ER3G, ER3J, ER3K, ER3M |  |
|                      |  | Schottky Barrier  |  |  | Schottky Barrier  |  |  | Schottky Barrier   |  | Schottky Barrier   |  |  | Schottky Barrier                             |  | Schottky Barrier                   |  |  | Schottky Barrier  |  |  | Schottky Barrier                                 |   |  | Schottky Barrier   |   |  | Schottky Barrier  |  |                                | Schottky Barrier                                |  |   | Schottky Barrier   |   | Schottky Barrier |  | Schottky Barrier |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | LL103C, LL103B, LL103A / LL101C, LL101B   |  |  | SGL34-20, SGL34-30, SGL34-40, SGL34-50, SGL34-60, SGL34-90, SGL34-100 |  |  | SGL1-20, SGL1-30, SGL1-40, SGL1-50, SGL1-60, SGL1-90, SGL1-100 |  | SMS120, SMS130, SMS140, SMS150, SMS160, SMS190, SMS1100              |  |  | SMS5817, SMS5818, SMS5819                    |  |                                    | SMS220, SMS230, SMS240, SMS250, SMS260, SMS290, SMS2100                  |  | SMS320, SMS330, SMS340, SMS350, SMS360, SMS390, SMS3100 |  |  | SKL12, SKL13, SKL14, SKL15, SKL16, SKL18, SKL110 |   |  | SKL32, SKL33, SKL34, SKL35, SKL36, SKL115                                      |   |  | SK12, SK13, SK14, SK15, SK16, SK18, SK115                     |  |                                | SL32SMA-3G, SL34SMA-3G                          |  |   | SK22, SK23, SK24, SK25, SK26, SK28, SK210                  |   |                  | SK32SMB, SK33SMB, SK34SMB, SK35SMB, SK36SMB, SK38SMB, SK310SMB |                  |  | SL52-3G, SL54-3G, SK54-3G, SK55, SK56, SK58, SK515  |  |  | SK32, SK33, SK34, SK35, SK36, SK38, SK310 |        |  | SL82-3G, SK84-3G, SK85, SK86, SK88, SK810, SK815 |  |  | SK32, SK33, SK34, SK35, SK36, SK38, SK310                           |  | SK32, SK33, SK34, SK35, SK36, SK38, SK310 |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | -3G = 3 <sup>rd</sup> Generation Schottky: reduced leakage!   |  |  |   |  |  |  |  |  |  |  |  |  |                                    |  |  |   |  |  |  |   |  |  |   |  |   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | Low V <sub>F</sub> Schottky   |  |  |   |  |  |  |  |  |  |  |  |  |                                    |  |  |   |  |  |  |   |  |  |   |  |   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | High Temperature Schottky   |  |  |   |  |  |  |  |  |  |  |  |  |                                    |  |  |   |  |  |  |   |  |  |   |  |   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | SK1H10  |  |  |   |  |  |  |  |  |  |  |  |  |                                    |  |  |   |  |  |  |   |  |  |   |  |   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | SK3H10SMB, SK3H15SMB  |  |  |   |  |  |  |  |  |  |  |  |  |                                    |  |  |   |  |  |  |   |  |  |   |  |   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | SK3H10, High Temperature Schottky   |  |  |   |  |  |  |  |  |  |  |  |  |                                    |  |  |   |  |  |  |   |  |  |   |  |   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | P <sub>tot</sub> 500 mW   |  |  | P <sub>tot</sub> 1 W  |  |  | P <sub>tot</sub> 1.3 W   |  | P <sub>tot</sub> 2 W   |  |  | P <sub>tot</sub> 3 W                         |  |                                    | P <sub>tot</sub> 500 mW  |  | P <sub>tot</sub> 1 W / 1.5 W                            |  |  | P <sub>tot</sub> 2 W                             |   |  | P <sub>tot</sub> 3 W   |   |  | P <sub>tot</sub> 100   150 [V]                                |  | P <sub>tot</sub> 100   150 [V] |   | P <sub>tot</sub> 100   150 [V]                             |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | ZMM1, 2.4...5.6, ZMM6.2...10, ZMM11...75  |  |  | ZMD1, 3.9...5.6, ZMD6.2...10, ZMD11...100                             |  |  | ZMY3.9G...9.1G *, * 1.0 W - Glass Case, ZMY10...200            |  | SMZ1, SMZ5.6, SMZ6.2...10, SMZ11...200                               |  |  | SZ3C1, SZ3C6.2...10, SZ3C11...200            |  |                                    | MMSZ5227B...62B, BZT52C3...C75, More see "Small Signal"                  |  | Z1SMA1, Z1SMA5.6, Z1SMA6.2...10, Z1SMA11...100          |  |  | Z1SMA1, Z1SMA5.6, Z1SMA6.2...10, Z1SMA11...100   |   |  | Z2SMB6.8...10, Z2SMB11...200   |   |  | Z3SMC6.8...10, Z3SMC11...200                                  |  |                                | Z1...5.6 V <sub>Z</sub> , ... 10, ... 200       |  | Z1...5.6 V <sub>Z</sub> , ... 10, ... 200 |  | Z1...5.6 V <sub>Z</sub> , ... 10, ... 200 |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | Zener   |  |  | Zener   |  |  | Zener  |  | Zener  |  |  | Zener  |  |                                    | Zener  |  |   | Zener  |  |  | Zener   |  |  | Zener   |  |   | Zener  |                                | Zener   |  | Zener                                     |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | P <sub>PPM</sub>  |  |  | P <sub>PPM</sub> 150 W  |  |  | P <sub>PPM</sub> 300 W   |  | P <sub>PPM</sub> 400 W   |  |  | P <sub>PPM</sub> 200 W                       |  |                                    | P <sub>PPM</sub> 400 W   |  |   | P <sub>PPM</sub> 600 W   |  |  | P <sub>PPM</sub> 1500 W   |  |  | P <sub>PPM</sub> 3000 W   |  |   | P <sub>PPM</sub> 5000 W                                    |                                |   | P <sub>PPM</sub> ... 10 V <sub>BR</sub>                    |   | P <sub>PPM</sub> ... 10 V <sub>BR</sub>                    |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | uni-directional   |  |  | uni-directional   |  |  | uni-directional  |  | uni-directional  |  |  | uni-directional                              |  |                                    | uni-directional  |  |   | uni-directional  |  |  | uni-directional   |  |  | uni-directional   |  |   | uni-directional  |                                |   | uni-directional  |   | uni-directional  |   | uni-directional  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | TGL34-6.8(A)...10(A), TGL34-11(A)...200(A)  |  |  | TGL34-6.8(A)...10(A), TGL34-11(A)...200(A)                            |  |  | TGL41-6.8(A)...10(A), TGL41-11(A)...200(A), TGL41-220(A)...520 |  | TGL41-6.8(A)...10(A), TGL41-11(A)...200(A), TGL41-220(A)...520       |  |  | SMF5.0A...8.5A, SMF9.0A...170A, SMF220A      |  |                                    | P4SMAJ5.0(A)...8.5(A), P4SMAJ9.0(A)...170(A), P4SMA220(A)...550(A)       |  |   | P6SMBJ5.0(A)...8.5(A), P6SMBJ9.0(A)...170(A), P6SMB220(A)...550(A)       |  |  | 1.5SMCJ5.0(A)...8.5(A), 1.5SMCJ9.0(A)...170(A), 1.5SMC220(A)...550(A)       |  |  | 3.0SMCJ5.0(A)...8.5(A), 3.0SMCJ9.0(A)...170(A), 5.0SMCJ12(A)...170(A)       |  |   | uni-directional, ... 10 V <sub>BR</sub> , ... 200, ... 520 |                                |   | uni-directional, ... 10 V <sub>BR</sub> , ... 200, ... 520 |   | uni-directional, ... 10 V <sub>BR</sub> , ... 200, ... 520 |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | Nomenclature for TVS diodes: No suffix – ±10% tolerance of V <sub>BR</sub>   Suffix "A" – ±5% tolerance of V <sub>BR</sub>   Bidirectional version – suffix "C"   Centered "J" – nominal voltage is V <sub>WM</sub>   No "J" – nominal voltage is V <sub>BR</sub> |  |  |   |  |  |  |  |  |  |  |  |  |                                    |  |  |   |  |  |  |   |  |  |   |  |   |  |                                |   |  |   |  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | bi-directional  |  |  | bi-directional  |  |  | bi-directional   |  | bi-directional   |  |  | bi-directional                               |  |                                    | bi-directional   |  |   | bi-directional   |  |  | bi-directional  |  |  | bi-directional  |  |   | bi-directional   |                                |   | bi-directional   |   | bi-directional   |   | bi-directional   |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | TGL34-6.8C(A)...10C(A), TGL34-11C(A)...200C(A)  |  |  | TGL34-6.8C(A)...10C(A), TGL34-11C(A)...200C(A)                        |  |  | SDA2AK (1 V), SDA4AK (2 V)                                     |  | TGL41-6.8C(A)...10C(A), TGL41-11C(A)...200C(A), TGL41-220C(A)...520C |  |  | SMF5.0CA...8.5CA, SMF9.0CA...170CA, SMF220CA |  |                                    | P4SMAJ5.0C(A)...8.5C(A), P4SMAJ9.0C(A)...170C(A), P4SMA220C(A)...550C(A) |  |   | P6SMBJ5.0C(A)...8.5C(A), P6SMBJ9.0C(A)...170C(A), P6SMB220C(A)...550C(A) |  |  | 1.5SMCJ5.0C(A)...8.5C(A), 1.5SMCJ9.0C(A)...170C(A), 1.5SMC220C(A)...550C(A) |  |  | 3.0SMCJ5.0C(A)...8.5C(A), 3.0SMCJ9.0C(A)...170C(A), 5.0SMCJ12C(A)...170C(A) |  |   | bi-directional, ... 10 V <sub>BR</sub> , ... 200, ... 520  |                                |   | bi-directional, ... 10 V <sub>BR</sub> , ... 200, ... 520  |   | bi-directional, ... 10 V <sub>BR</sub> , ... 200, ... 520  |   |                  |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                      |  | TVS   |  |  | TVS   |  |  | TVS  |  | TVS  |  |  | TVS  |  |                                    | TVS  |  |   | TVS  |  |  | TVS   |  |  | TVS   |  |   | TVS  |                                |   | TVS  |   | TVS  |   | TVS              |  |                  |  |   |  |  |   |        |  |  |  |  |   |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |