

Semiconductors-Discretes

SMD Diodes

Detailed product specifications are available on: us.100y.com.tw

SOT-23

DIMENSIONS IN MILLIMETERS (INCHES)

SOD-80

| MiniMELF | | |
|----------|------|------|
| Dim | Min | Max |
| A | 3.30 | 3.70 |
| B | 1.30 | 1.60 |
| C | 0.28 | 0.50 |

All dimensions in mm

TO-263AB

TO-269AA

DPAK CASE 369C ISSUE O

| DIM | INCHES | | MILLIMETERS | |
|-----|--------|-------|-------------|------|
| | MIN | MAX | MIN | MAX |
| A | 0.235 | 0.245 | 5.97 | 6.22 |
| B | 0.250 | 0.265 | 6.35 | 6.73 |
| C | 0.086 | 0.094 | 2.19 | 2.38 |
| D | 0.027 | 0.035 | 0.69 | 0.88 |
| E | 0.018 | 0.023 | 0.46 | 0.58 |
| F | 0.037 | 0.045 | 0.94 | 1.14 |
| G | 0.180 | BSC | 4.58 | BSC |
| H | 0.034 | 0.040 | 0.87 | 1.01 |
| J | 0.018 | 0.023 | 0.46 | 0.58 |
| K | 0.102 | 0.114 | 2.60 | 2.89 |
| L | 0.090 | BSC | 2.29 | BSC |
| R | 0.180 | 0.215 | 4.57 | 5.45 |
| S | 0.025 | 0.040 | 0.63 | 1.01 |
| U | 0.020 | --- | 0.51 | --- |
| V | 0.035 | 0.050 | 0.89 | 1.27 |
| Z | 0.155 | --- | 3.93 | --- |

SMB CASE 403A-03 ISSUE D

| DIM | INCHES | | MILLIMETERS | |
|-----|--------|--------|-------------|-------|
| | MIN | MAX | MIN | MAX |
| A | 0.160 | 0.180 | 4.06 | 4.57 |
| B | 0.130 | 0.150 | 3.30 | 3.81 |
| C | 0.075 | 0.095 | 1.90 | 2.41 |
| D | 0.077 | 0.083 | 1.96 | 2.11 |
| H | 0.0020 | 0.0060 | 0.051 | 0.152 |
| J | 0.006 | 0.012 | 0.15 | 0.30 |
| K | 0.030 | 0.050 | 0.76 | 1.27 |
| P | 0.020 | REF | 0.51 | REF |
| S | 0.205 | 0.220 | 5.21 | 5.59 |

SMC PLASTIC PACKAGE CASE 403-03 ISSUE E

| DIM | MILLIMETERS | | | INCHES | | |
|-----|-------------|------|------|-----------|-------|-------|
| | MIN | NOM | MAX | MIN | NOM | MAX |
| A | 1.90 | 2.13 | 2.41 | 0.075 | 0.084 | 0.095 |
| A1 | 0.05 | 0.10 | 0.15 | 0.002 | 0.004 | 0.006 |
| b | 2.92 | 3.00 | 3.07 | 0.115 | 0.118 | 0.121 |
| c | 0.15 | 0.23 | 0.30 | 0.006 | 0.009 | 0.012 |
| D | 5.59 | 5.94 | 6.10 | 0.220 | 0.230 | 0.240 |
| E | 6.60 | 6.86 | 7.11 | 0.260 | 0.270 | 0.280 |
| He | 7.75 | 7.94 | 8.13 | 0.305 | 0.313 | 0.320 |
| L | 0.76 | 1.02 | 1.27 | 0.030 | 0.040 | 0.050 |
| L1 | 0.51 REF | | | 0.020 REF | | |

| Part No. | Product No. | Manufacturer | Description | Pins/Package | Vrrm | IF (A) | Marking/ |
|----------|----------------|--------------|--|--------------|------|--------|----------|
| 34186 | HSMS-2862 | Agilent | Surface Mount Microwave Schottky Detector Diodes | SOT-23 | | 1.0mA | T2 |
| 32061 | HSMS-8202 | Agilent | SMD Diode | SMD | | | |
| 8485 | LL4148INK-GS08 | | Switching Diode | SOD-80 | 75V | 10mA | |
| 39602 | M1FH3 | | SCHOTTKY RECTIFIERS | SOT-23 | 30V | 1.5A | |
| 35044 | MB2S | VISHAY | MINIATURE GLASS PASSIVATED SINGLE-PHASE SURFACE MOUNT BRIDGE RECTIFIER | TO-269AA | 200V | 0.5A | |
| 35045 | MB4S | VISHAY | MINIATURE GLASS PASSIVATED SINGLE-PHASE SURFACE MOUNT BRIDGE RECTIFIER | TO-269AA | 400V | 0.5A | |
| 35046 | MB6S | VISHAY | MINIATURE GLASS PASSIVATED SINGLE-PHASE SURFACE MOUNT BRIDGE RECTIFIER | TO-269AA | 600V | 0.5A | |
| 35078 | MBRB1045 | VISHAY | SCHOTTKY RECTIFIER | TO-263AB | 45V | 10.0A | |
| 35082 | MBRB1660 | VISHAY | SCHOTTKY RECTIFIER | TO-263AB | 60V | 16.0A | |
| 35083 | MBRB2045CT | VISHAY | SCHOTTKY RECTIFIER | TO-263AB | 45V | 20.0A | |
| 35084 | MBRB745 | VISHAY | | TO-263AB | | | |
| 35085 | MBRD835L | ON-Semi. | SWITCHMODE Power Rectifier | DPAK | 35V | 8.0A | |
| 35089 | MBRS1100T3 | ON-Semi. | Schottky Power Rectifier | SMB | 100V | 1.0A | |
| 35090 | MBRS130T3 | ON-Semi. | Surface Mount Schottky Power Rectifier | SMB | 30V | 1.0A | |
| 15320 | MBRS140T3 | ON-Semi. | Switching Diode | SMB | 40V | 1.0A | B14 |
| 35093 | MBRS340T3 | ON-Semi. | Surface Mount Schottky Power Rectifier | SMC | 40V | 3.0A | |
| 35095 | MBRS340TR | IR | SCHOTTKY RECTIFIER | SMC | 40V | 3.0A | |
| 35099 | MBRS360T3 | ON-Semi. | Surface Mount Schottky Power Rectifier | SMC | 60V | 3.0A | |
| 39531 | MMBD1503A | Fairchild | Small Signal Diodes | SOT-23 | 200V | 200 mA | |
| 42192 | MMBD2837LT1 | ON-Semi. | Small Signal Switching Diode | SOT-23 | 75V | 0.45A | |
| 20440 | MMBD301LT1 | Fairchild | Small Signal Diode | SOT-23 | 30V | 0.2A | 4TF |
| 41133 | MMBD4148 | Fairchild | Small Signal Diodes | SOT-23 | 100V | 200 mA | |
| 49209 | MMBD4148SE | Fairchild | | SOT-23 | 100V | 200mA | |

