

## ➤ Features

- Size 0.08\*0.05 inch /2.0\*1.2 mm
- RoHS compliant, lead-free and halogen-free
- Fast response to fault current
- Low resistance
- Low profile
- Compatible with high temperature solders

## ➤ Applications

- Computer, Mobile phones, Multimedia
- Automotive, Industrial controls, Telephony and broadband
- Game machines, Portable electronics, Battery

## ➤ Electrical Characteristics (25°C)

| Part Number      | $I_{hold}$ | $I_{trip}$ | $V_{max}$          | $I_{max}$ | $P_{d\ typ}$ | Time to trip |       | $R_{min}$ | $R_{1max}$ |
|------------------|------------|------------|--------------------|-----------|--------------|--------------|-------|-----------|------------|
|                  | (A)        | (A)        | (V <sub>dc</sub> ) | (A)       | (W)          | (A)          | (Sec) | (Ω)       | (Ω)        |
| BSMD0805-001-60V | 0.01       | 0.05       | 60                 | 20        | 0.5          | 0.20         | 1.00  | 15.00     | 100.0      |
| BSMD0805-002-60V | 0.02       | 0.06       | 60                 | 20        | 0.5          | 0.20         | 1.00  | 12.00     | 70.00      |
| BSMD0805-003-30V | 0.03       | 0.09       | 30                 | 20        | 0.5          | 0.20         | 1.00  | 6.000     | 50.00      |
| BSMD0805-003-60V | 0.03       | 0.09       | 60                 | 20        | 0.5          | 0.20         | 1.00  | 6.000     | 50.00      |
| BSMD0805-004-24V | 0.04       | 0.12       | 24                 | 20        | 0.5          | 0.50         | 1.50  | 2.500     | 40.00      |
| BSMD0805-004-30V | 0.04       | 0.12       | 30                 | 20        | 0.5          | 0.50         | 1.50  | 2.500     | 40.00      |
| BSMD0805-005-15V | 0.05       | 0.15       | 15                 | 40        | 0.5          | 0.50         | 1.50  | 1.500     | 20.00      |
| BSMD0805-005-24V | 0.05       | 0.15       | 24                 | 40        | 0.5          | 0.50         | 1.50  | 1.500     | 20.00      |
| BSMD0805-005-33V | 0.05       | 0.15       | 33                 | 40        | 0.5          | 0.50         | 1.50  | 1.500     | 20.00      |
| BSMD0805-005-60V | 0.05       | 0.15       | 60                 | 40        | 0.5          | 0.50         | 1.50  | 1.500     | 20.00      |
| BSMD0805-010-15V | 0.10       | 0.30       | 15                 | 40        | 0.5          | 0.50         | 1.50  | 0.750     | 6.000      |
| BSMD0805-010-24V | 0.10       | 0.30       | 24                 | 40        | 0.5          | 0.50         | 1.50  | 0.750     | 6.000      |
| BSMD0805-010-33V | 0.10       | 0.30       | 33                 | 40        | 0.5          | 0.50         | 1.50  | 0.750     | 6.000      |
| BSMD0805-020-9V  | 0.20       | 0.50       | 9                  | 40        | 0.5          | 8.00         | 0.02  | 0.500     | 3.500      |
| BSMD0805-020-15V | 0.20       | 0.50       | 15                 | 40        | 0.5          | 8.00         | 0.02  | 0.500     | 3.500      |
| BSMD0805-020-24V | 0.20       | 0.50       | 24                 | 40        | 0.5          | 8.00         | 0.02  | 0.500     | 3.500      |
| BSMD0805-020-30V | 0.20       | 0.50       | 30                 | 40        | 0.5          | 8.00         | 0.02  | 0.500     | 3.500      |
| BSMD0805-020-33V | 0.20       | 0.50       | 33                 | 40        | 0.5          | 8.00         | 0.02  | 0.500     | 3.500      |
| BSMD0805-020-36V | 0.20       | 0.50       | 36                 | 40        | 0.5          | 8.00         | 0.02  | 0.500     | 3.500      |

| Part Number      | $I_{hold}$ | $I_{trip}$ | $V_{max}$          | $I_{max}$ | $P_d$ typ | Time to trip |       | $R_{min}$ | $R1_{max}$ |
|------------------|------------|------------|--------------------|-----------|-----------|--------------|-------|-----------|------------|
|                  | (A)        | (A)        | (V <sub>dc</sub> ) | (A)       | (W)       | (A)          | (Sec) | (Ω)       | (Ω)        |
| BSMD0805-025-6V  | 0.25       | 0.55       | 6                  | 40        | 0.5       | 8.00         | 0.02  | 0.400     | 3.200      |
| BSMD0805-025-9V  | 0.25       | 0.55       | 9                  | 40        | 0.5       | 8.00         | 0.02  | 0.400     | 3.200      |
| BSMD0805-025-16V | 0.25       | 0.55       | 16                 | 40        | 0.5       | 8.00         | 0.02  | 0.400     | 3.200      |
| BSMD0805-025-24V | 0.25       | 0.55       | 24                 | 40        | 0.5       | 8.00         | 0.02  | 0.400     | 3.200      |
| BSMD0805-025-30V | 0.25       | 0.55       | 30                 | 40        | 0.5       | 8.00         | 0.02  | 0.400     | 3.200      |
| BSMD0805-025-33V | 0.25       | 0.55       | 33                 | 40        | 0.5       | 8.00         | 0.02  | 0.400     | 3.200      |
| BSMD0805-030-6V  | 0.30       | 0.60       | 6                  | 40        | 0.5       | 8.00         | 0.10  | 0.300     | 1.400      |
| BSMD0805-030-9V  | 0.30       | 0.60       | 9                  | 40        | 0.5       | 8.00         | 0.10  | 0.300     | 1.400      |
| BSMD0805-030-12V | 0.30       | 0.60       | 12                 | 40        | 0.5       | 8.00         | 0.10  | 0.300     | 1.400      |
| BSMD0805-030-16V | 0.30       | 0.60       | 16                 | 40        | 0.5       | 8.00         | 0.10  | 0.300     | 1.400      |
| BSMD0805-030-24V | 0.30       | 0.60       | 24                 | 40        | 0.5       | 8.00         | 0.10  | 0.300     | 1.400      |
| BSMD0805-030-30V | 0.30       | 0.60       | 30                 | 40        | 0.5       | 8.00         | 0.10  | 0.300     | 1.400      |
| BSMD0805-035-6V  | 0.35       | 0.75       | 6                  | 40        | 0.5       | 8.00         | 0.10  | 0.200     | 1.200      |
| BSMD0805-035-12V | 0.35       | 0.75       | 12                 | 40        | 0.5       | 8.00         | 0.10  | 0.200     | 1.200      |
| BSMD0805-035-16V | 0.35       | 0.75       | 16                 | 40        | 0.5       | 8.00         | 0.10  | 0.200     | 1.200      |
| BSMD0805-035-24V | 0.35       | 0.75       | 24                 | 40        | 0.6       | 8.00         | 0.10  | 0.200     | 1.200      |
| BSMD0805-035-30V | 0.35       | 0.75       | 30                 | 40        | 0.6       | 8.00         | 0.10  | 0.200     | 1.200      |
| BSMD0805-050-6V  | 0.50       | 1.00       | 6                  | 40        | 0.5       | 8.00         | 0.10  | 0.100     | 0.850      |
| BSMD0805-050-12V | 0.50       | 1.00       | 12                 | 40        | 0.5       | 8.00         | 0.10  | 0.100     | 0.850      |
| BSMD0805-050-15V | 0.50       | 1.00       | 15                 | 40        | 0.5       | 8.00         | 0.10  | 0.100     | 0.850      |
| BSMD0805-050-24V | 0.50       | 1.00       | 24                 | 40        | 0.6       | 8.00         | 0.10  | 0.100     | 0.850      |
| BSMD0805-075-6V  | 0.75       | 1.50       | 6                  | 40        | 0.6       | 8.00         | 0.20  | 0.070     | 0.385      |
| BSMD0805-075-12V | 0.75       | 1.50       | 12                 | 40        | 0.6       | 8.00         | 0.20  | 0.070     | 0.385      |
| BSMD0805-075-16V | 0.75       | 1.50       | 16                 | 40        | 0.6       | 8.00         | 0.20  | 0.070     | 0.385      |
| BSMD0805-100-6V  | 1.00       | 2.00       | 6                  | 40        | 0.6       | 8.00         | 0.30  | 0.040     | 0.270      |
| BSMD0805-100-12V | 1.00       | 2.00       | 12                 | 40        | 0.6       | 8.00         | 0.30  | 0.040     | 0.270      |
| BSMD0805-110-6V  | 1.10       | 2.20       | 6                  | 40        | 0.6       | 8.00         | 0.30  | 0.035     | 0.230      |
| BSMD0805-110-12V | 1.10       | 2.20       | 12                 | 40        | 1.0       | 8.00         | 0.30  | 0.035     | 0.230      |
| BSMD0805-125-6V  | 1.25       | 2.50       | 6                  | 40        | 1.2       | 8.00         | 1.00  | 0.007     | 0.060      |

## ➤ Vocabulary

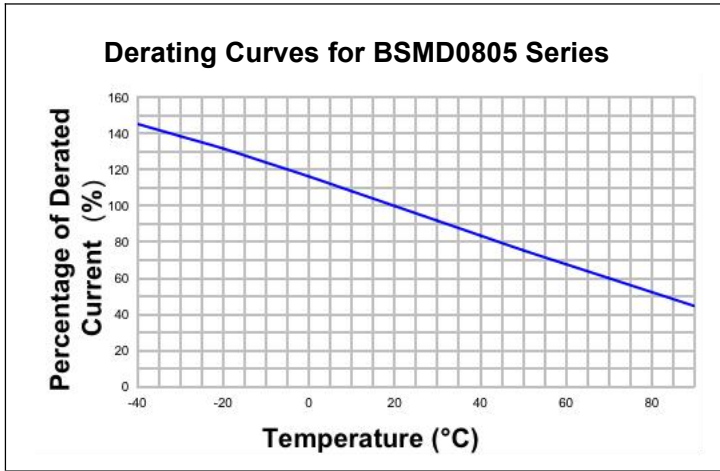
- I<sub>hold</sub>** = Hold current: maximum current device will pass without tripping in 25°C still air.
- I<sub>trip</sub>** = Trip current: minimum current at which the device will trip in 25°C still air.
- V<sub>max</sub>** = Maximum voltage device can withstand without damage at rated current (**I<sub>max</sub>**).
- I<sub>max</sub>** = Maximum fault current device can withstand without damage at rated voltage (**V<sub>max</sub>**).
- P<sub>d typ.</sub>** = Typical power dissipated from device when in the tripped state at 25°C still air.
- R<sub>min</sub>** = Minimum resistance of device in initial (un-soldered) state.
- R<sub>1max</sub>** = Maximum resistance of device at 25°C measured one hour after tripping or reflow soldering of 260°C for 20 sec.

**Caution: Operation beyond the specified ratings may result in damage and possible arcing and flame.**

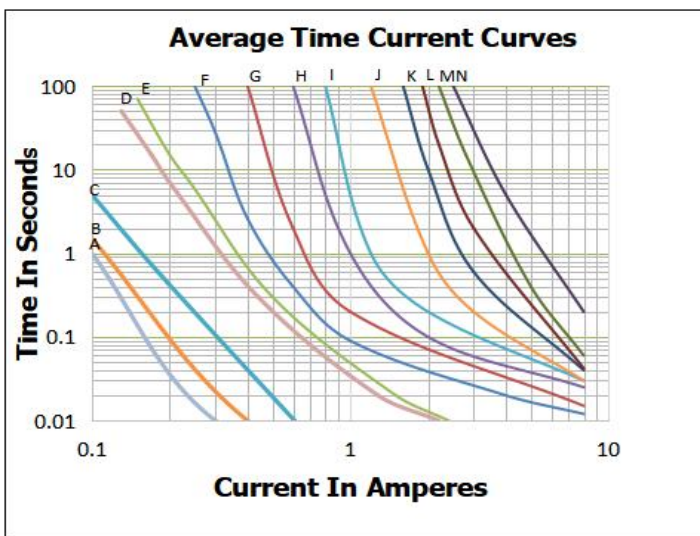
## ➤ Warning

- Users shall independently assess the suitability of these devices for each of their applications.
- Operation of these devices beyond the stated maximum ratings could result in damage to the devices and lead to electrical arcing and/or fire.
- These devices are intended to protect against the effects of temporary over-current or over-temperature conditions and are not intended to perform as protective devices where such conditions are expected to be repetitive or prolonged in duration.
- Exposure to silicon-based oils, solvents, electrolytes, acids, and similar materials can adversely affect the prolonged of these PPTC devices.
- These devices undergo thermal expansion under fault conditions, and thus shall be provided with adequate space and be protected against mechanical stresses.
- Circuits with inductance may generate a voltage ( $L di/dt$ ) above the rated voltage of the PPTC device.

➤ **Thermal Derating Curve**



➤ **Average Time-Current Curve**



- A=BSMD0805-001
- B=BSMD0805-002
- C=BSMD0805-003
- E=BSMD0805-005
- F=BSMD0805-010
- G=BSMD0805-020
- H=BSMD0805-035
- I=BSMD0805-050
- J=BSMD0805-075
- K=BSMD0805-100
- L=BSMD0805-110
- M=BSMD0805-125

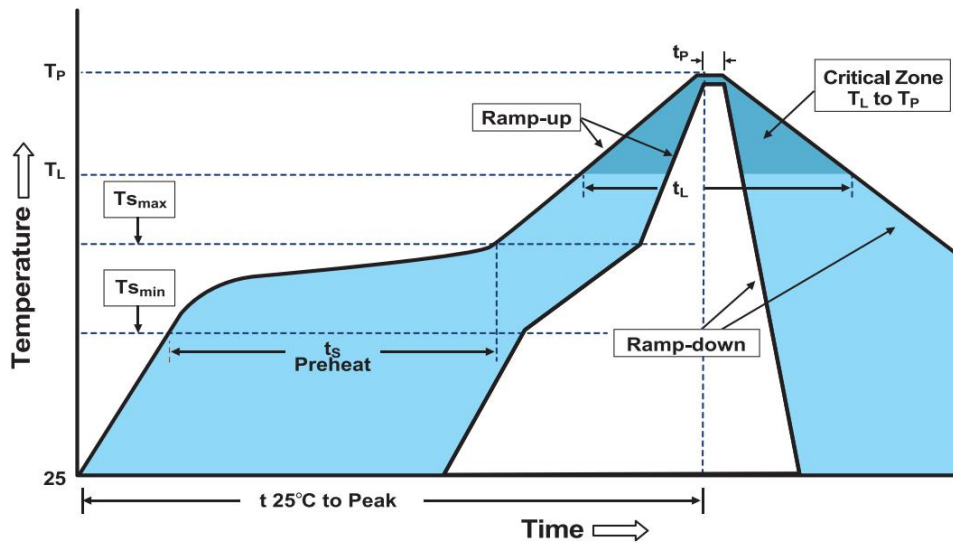
## ➤ Thermal Derating Chart

| Part Number  | Ambient operating temperature hold current( $I_{hold}$ ) |       |       |       |       |       |       |       |        |
|--------------|----------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|--------|
|              | -40°C                                                    | -20°C | 0°C   | 25°C  | 40°C  | 50°C  | 60°C  | 70°C  | 85°C   |
| BSMD0805-001 | 0.016                                                    | 0.014 | 0.012 | 0.010 | 0.008 | 0.007 | 0.006 | 0.005 | 0.0035 |
| BSMD0805-002 | 0.031                                                    | 0.027 | 0.024 | 0.020 | 0.016 | 0.014 | 0.012 | 0.011 | 0.007  |
| BSMD0805-003 | 0.047                                                    | 0.041 | 0.036 | 0.030 | 0.024 | 0.021 | 0.018 | 0.016 | 0.0108 |
| BSMD0805-004 | 0.052                                                    | 0.048 | 0.044 | 0.040 | 0.032 | 0.028 | 0.024 | 0.020 | 0.012  |
| BSMD0805-005 | 0.070                                                    | 0.060 | 0.055 | 0.050 | 0.040 | 0.035 | 0.030 | 0.025 | 0.015  |
| BSMD0805-010 | 0.14                                                     | 0.12  | 0.11  | 0.10  | 0.08  | 0.07  | 0.06  | 0.05  | 0.03   |
| BSMD0805-020 | 0.28                                                     | 0.25  | 0.23  | 0.20  | 0.17  | 0.14  | 0.12  | 0.10  | 0.07   |
| BSMD0805-035 | 0.47                                                     | 0.44  | 0.39  | 0.35  | 0.30  | 0.27  | 0.24  | 0.20  | 0.14   |
| BSMD0805-050 | 0.68                                                     | 0.62  | 0.55  | 0.50  | 0.40  | 0.37  | 0.33  | 0.29  | 0.23   |
| BSMD0805-075 | 1.00                                                     | 0.90  | 0.79  | 0.75  | 0.63  | 0.57  | 0.53  | 0.41  | 0.34   |
| BSMD0805-100 | 1.35                                                     | 1.25  | 1.15  | 1.00  | 0.82  | 0.74  | 0.65  | 0.55  | 0.42   |
| BSMD0805-110 | 1.45                                                     | 1.35  | 1.20  | 1.10  | 0.92  | 0.84  | 0.75  | 0.65  | 0.52   |
| BSMD0805-125 | 1.65                                                     | 1.53  | 1.36  | 1.25  | 1.05  | 0.95  | 0.85  | 0.74  | 0.59   |

## ➤ Environmental Specifications

| Test                                                                     | Conditions                  | Resistance change |
|--------------------------------------------------------------------------|-----------------------------|-------------------|
| Passive aging                                                            | +85°C, 1000 hours           | ±5% typical       |
| Humidity aging                                                           | +85°C, 85% R.H. , 168 hours | ±5% typical       |
| Thermal shock                                                            | +85°C to -40°C, 20 times    | ±33% typical      |
| Resistance to solvent                                                    | MIL-STD-202,Method 215      | No change         |
| Vibration                                                                | MIL-STD-202,Method 201      | No change         |
| Ambient operating conditions : - 40 °C to +85 °C                         |                             |                   |
| Maximum surface temperature of the device in the tripped state is 125 °C |                             |                   |

➤ **Soldering Parameters**



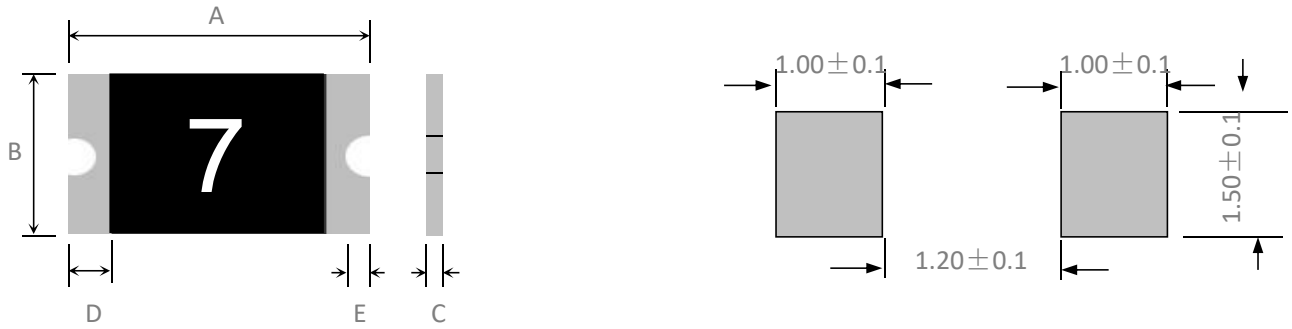
| Profile Feature                                                                                                              | Pb-Free Assembly                 |
|------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Average Ramp-Up Rate( $T_{s_{max}}$ to $T_p$ )                                                                               | 3°C/second max                   |
| Preheat<br>-Temperature Min( $T_{s_{min}}$ )<br>-Temperature Max( $T_{s_{max}}$ )<br>-Time( $T_{s_{min}}$ to $T_{s_{max}}$ ) | 150°C<br>200°C<br>60~180 seconds |
| Time maintained above:<br>-Temperature( $T_L$ )<br>-Time( $t_L$ )                                                            | 217°C<br>60~150 seconds          |
| Peak Temperature( $T_p$ )                                                                                                    | 260°C                            |
| Ramp-Down Rate                                                                                                               | 6°C/second max                   |
| Time 25°C to Peak Temperature                                                                                                | 8 minutes max                    |
| Storage Condition                                                                                                            | 0°C~30°C,30%-60%RH               |

- Recommended reflow methods: IR, vapor phase oven, hot air oven, N<sub>2</sub> environment for lead-free.
- Recommended maximum paste thickness is 0.25mm.
- Devices can be cleaned using standard industry methods and solvents.

**Note 1:** All temperature refer to topside of the package, measured on the package body surface.

**Note 2:** If reflow temperatures exceed the recommended profile, devices may not meet the performance requirements.

➤ **Physical Dimensions & Recommended Pad Layout (mm)**

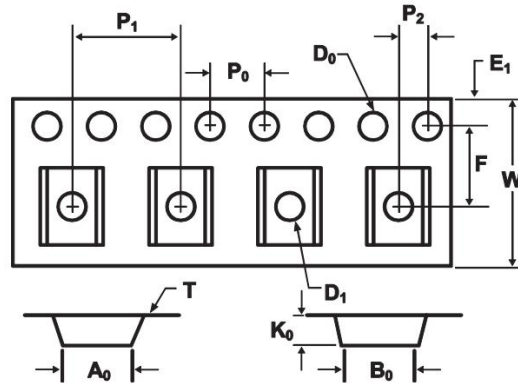


| Part Number      | Marking | Quantity | A    |      | B    |      | C    |      | D    | E    |
|------------------|---------|----------|------|------|------|------|------|------|------|------|
|                  |         |          | Min  | Max  | Min  | Max  | Min  | Max  | Min  | Min  |
| BSMD0805-001-60V | Y       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-002-60V | Y       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-003-30V | Z       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-003-60V | Z       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-004-24V | P       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-004-30V | P       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-005-15V | 1       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-005-24V | 1       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-005-33V | 1       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-005-60V | 1       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-010-15V | 1       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-010-24V | 1       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-010-33V | 1       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-020-9V  | 2       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-020-15V | 2       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-020-24V | 2       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-020-30V | 2       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-020-33V | 2       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-020-36V | 2       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-025-6V  | 2       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-025-9V  | 2       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-025-16V | 2       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-025-24V | 2       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-025-30V | 2       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-025-33V | 2       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.40 | 0.90 | 0.20 | 0.10 |
| BSMD0805-030-6V  | 3       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.50 | 1.10 | 0.20 | 0.10 |
| BSMD0805-030-9V  | 3       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.50 | 1.10 | 0.20 | 0.10 |
| BSMD0805-030-12V | 3       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.50 | 1.10 | 0.20 | 0.10 |
| BSMD0805-030-16V | 3       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.50 | 1.10 | 0.20 | 0.10 |

| Part Number      | Marking | Quantity | A    |      | B    |      | C    |      | D    | E    |
|------------------|---------|----------|------|------|------|------|------|------|------|------|
|                  |         |          | Min  | Max  | Min  | Max  | Min  | Max  | Min  | Min  |
| BSMD0805-030-24V | 3       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.50 | 1.10 | 0.20 | 0.10 |
| BSMD0805-030-30V | 3       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.50 | 1.10 | 0.20 | 0.10 |
| BSMD0805-035-6V  | 3       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.50 | 1.10 | 0.20 | 0.10 |
| BSMD0805-035-12V | 3       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.50 | 1.10 | 0.20 | 0.10 |
| BSMD0805-035-16V | 3       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.50 | 1.10 | 0.20 | 0.10 |
| BSMD0805-035-24V | 3       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.50 | 1.10 | 0.20 | 0.10 |
| BSMD0805-035-30V | 3       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.50 | 1.10 | 0.20 | 0.10 |
| BSMD0805-050-6V  | 5       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.50 | 1.10 | 0.20 | 0.10 |
| BSMD0805-050-12V | 5       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.50 | 1.10 | 0.20 | 0.10 |
| BSMD0805-050-15V | 5       | 5000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.50 | 1.10 | 0.20 | 0.10 |
| BSMD0805-050-24V | 5       | 4000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.50 | 1.10 | 0.20 | 0.10 |
| BSMD0805-075-6V  | 7       | 4000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.50 | 1.10 | 0.20 | 0.10 |
| BSMD0805-075-12V | 7       | 4000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.50 | 1.10 | 0.20 | 0.10 |
| BSMD0805-075-16V | 7       | 4000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.50 | 1.10 | 0.20 | 0.10 |
| BSMD0805-100-6V  | 0       | 4000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.70 | 1.20 | 0.20 | 0.10 |
| BSMD0805-100-12V | 0       | 4000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.70 | 1.20 | 0.20 | 0.10 |
| BSMD0805-110-6V  | 0       | 4000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.70 | 1.20 | 0.20 | 0.10 |
| BSMD0805-110-12V | 0       | 4000     | 2.00 | 2.20 | 1.20 | 1.50 | 0.70 | 1.20 | 0.20 | 0.10 |
| BSMD0805-125-6V  |         | 4000     | 2.00 | 2.20 | 1.20 | 1.50 | 1.00 | 1.50 | 0.20 | 0.10 |

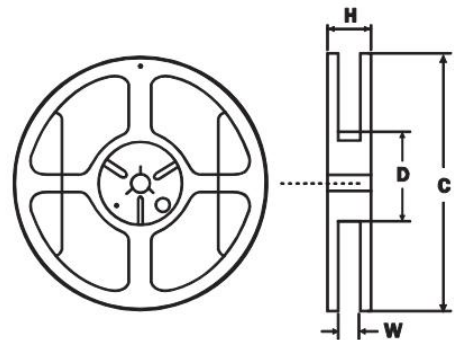


➤ **Tape And Reel Specifications (mm)**



| Governing Specifications | BSMD0805-001~<br>BSMD0805-050 | BSMD0805-075 | BSMD0805-100~<br>BSMD0805-125 |
|--------------------------|-------------------------------|--------------|-------------------------------|
| W                        | 8.0 ± 0.3                     | 8.0 ± 0.3    | 8.0 ± 0.3                     |
| F                        | 3.5 ± 0.05                    | 3.5 ± 0.05   | 3.5 ± 0.05                    |
| E <sub>1</sub>           | 1.75 ± 0.1                    | 1.75 ± 0.1   | 1.75 ± 0.1                    |
| D <sub>0</sub>           | 1.55 ± 0.05                   | 1.55 ± 0.05  | 1.55 ± 0.05                   |
| D <sub>1</sub>           | 1.0 ± 0.1                     | 1.0 ± 0.1    | 1.0 ± 0.1                     |
| P <sub>0</sub>           | 4.0 ± 0.1                     | 4.0 ± 0.1    | 4.0 ± 0.1                     |
| P <sub>1</sub>           | 4.0 ± 0.1                     | 4.0 ± 0.1    | 4.0 ± 0.1                     |
| P <sub>2</sub>           | 2.0 ± 0.05                    | 2.0 ± 0.05   | 2.0 ± 0.05                    |
| A <sub>0</sub>           | 1.6 ± 0.1                     | 1.6 ± 0.1    | 1.6 ± 0.1                     |
| B <sub>0</sub>           | 2.3 ± 0.1                     | 2.3 ± 0.1    | 2.3 ± 0.1                     |
| T                        | 0.2 ± 0.1                     | 0.2 ± 0.1    | 0.2 ± 0.1                     |
| K <sub>0</sub>           | 0.75 ± 0.1                    | 1.04 ± 0.1   | 1.50 ± 0.1                    |
| Leader <sub>min</sub>    | 390                           | 390          | 390                           |
| Trailer <sub>min</sub>   | 160                           | 160          | 160                           |

| Reel Dimensions |             |
|-----------------|-------------|
| C               | φ178 ± 1.0  |
| D               | φ60.2 ± 0.5 |
| H               | 11.0 ± 0.5  |
| W               | 9.0 ± 1.5   |



➤ **Contact information**

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