



DW60M2T-B-AT-S ESD Protection Diode

Feature

- Bi-directional ESD protection of two lines
- 700Watts peak pulse power ($t_p = 8/20\mu s$)
- Working voltage: 60V
- Junction Capacitance: 10pF(Typ)
- Low clamping voltage
- Low leakage current
- AEC-Q101 qualified
- IEC 61000-4-2 $\pm 25kV$ contact $\pm 25kV$ air
- IEC 61000-4-5 (Lightning) 7A (8/20 μs)
- IEC61000-4-4 (EFT) 40A (5/50ns)

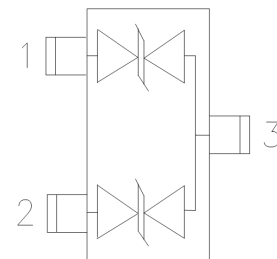
Application

- Automotive electronics
- Cellular handsets and accessories
- Notebooks and handhelds
- Portable instrumentation
- Set top box
- Industrial controls
- Server and desktop PC

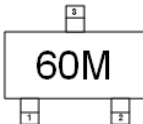
Mechanical Data

- Package: SOT-23
- Molding compound flammability rating: UL 94V-0
- RoHS/WEEE compliant

Schematic & PIN Configuration

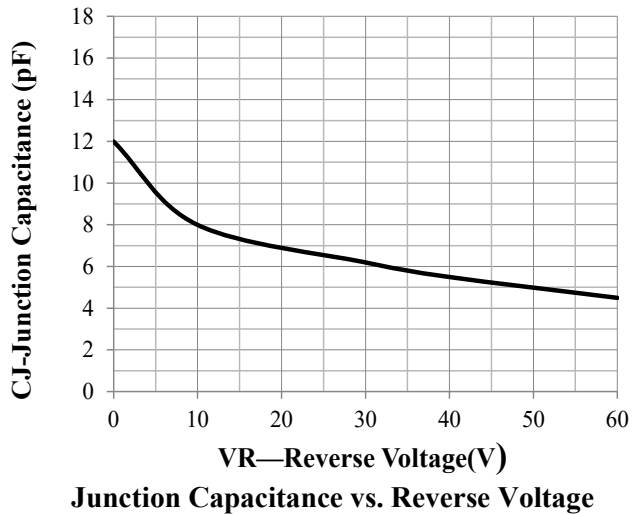
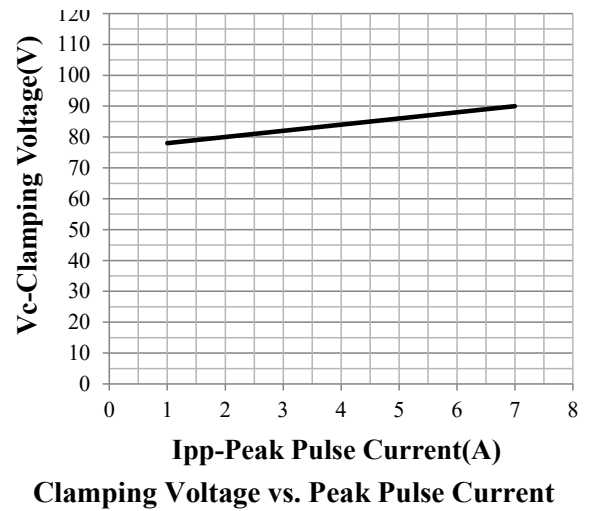
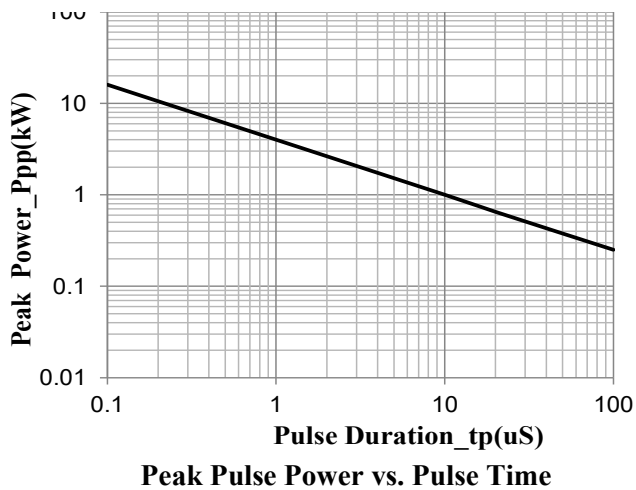
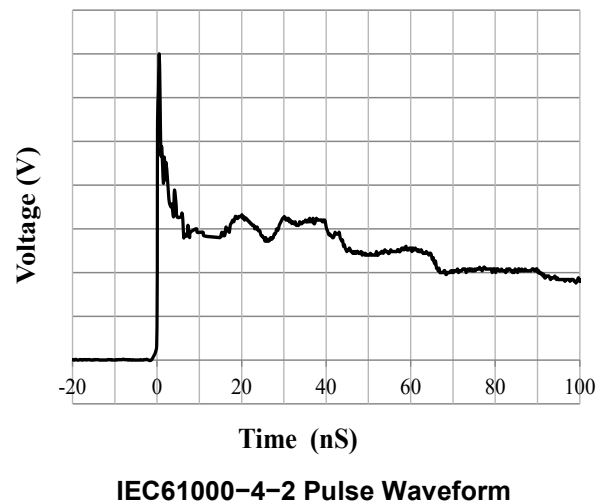
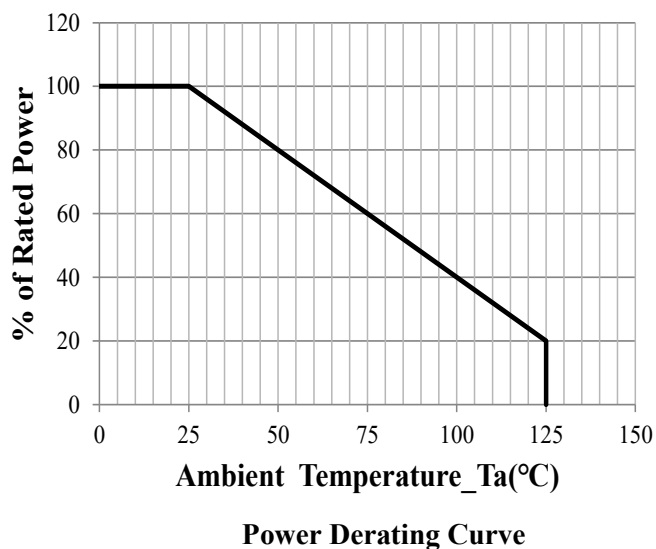
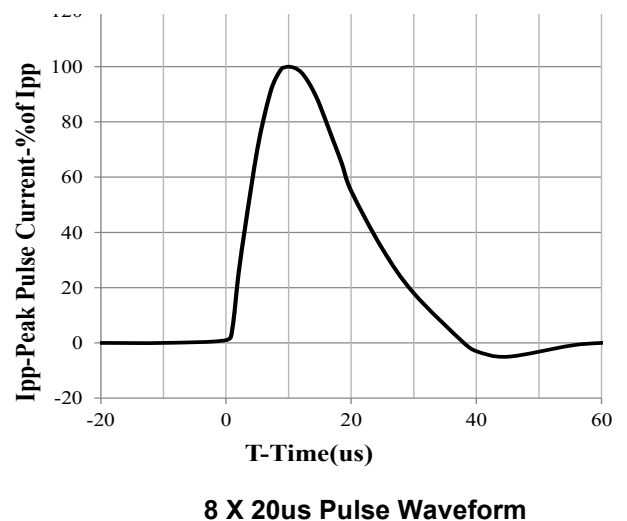


Ordering Information

Part Number	Package	Marking	QTY per Reel	Reel Size
DW60M2T-B-AT-S	SOT-23		3000 pcs	7 inches

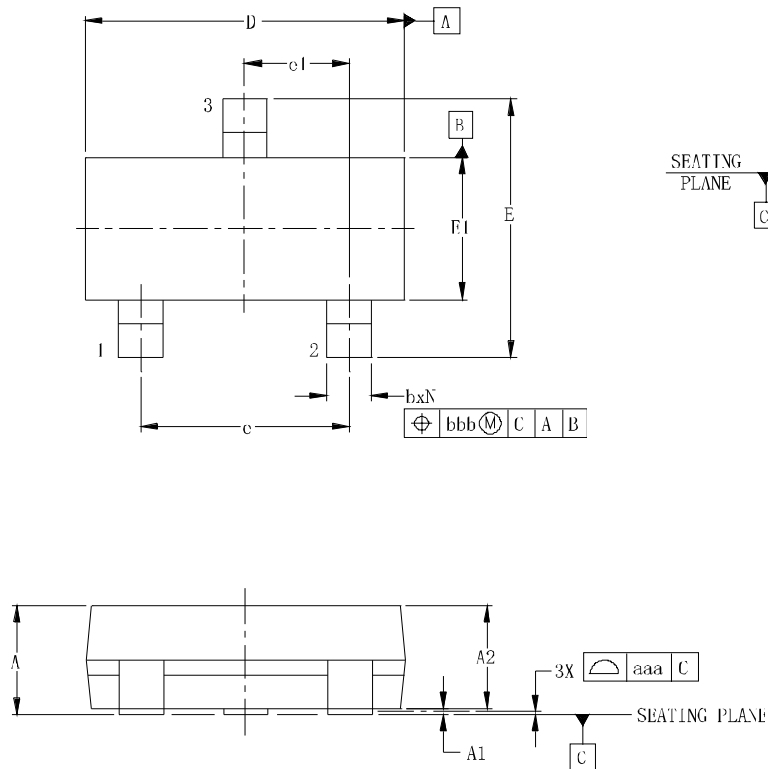
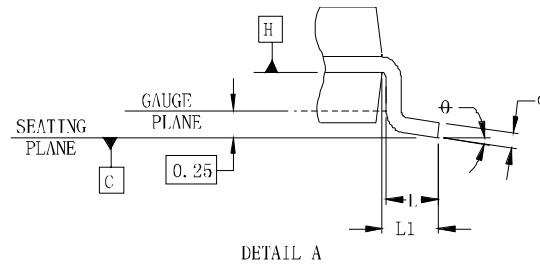


Typical Characteristics



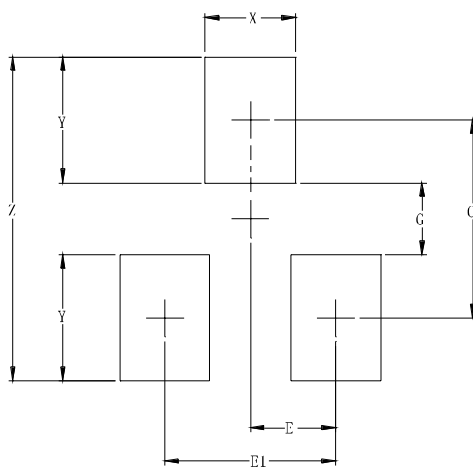


SOT-23 Package Outline Drawing



DIM	DIMENSIONS					
	INCHES			MILLIMETERS		
	MTN	NOM	MAX	MTN	NOM	MAX
A	.035	—	.044	0.89	—	1.12
A1	.000	—	.004	0.01	—	0.10
A2	.035	.037	.040	0.88	0.95	1.02
b	.012	—	.020	0.30	—	0.51
c	.003	—	.007	0.08	—	0.18
D	.110	.114	.120	2.80	2.90	3.04
E	.082	.093	.104	2.10	2.37	2.64
E1	.047	.051	.055	1.20	1.30	1.40
e	.075			1.90 BSC		
e1	.037			0.95 BSC		
L	.015	.020	.024	0.40	0.50	0.60
L1	.022			(0.55)		
N	3			3		
θ	0°	—	8°	0°	—	8°
aaa	.004			0.10		
bbb	.008			0.20		

SOT-23 Package Outline Drawing



DIMENSIONS		
DIM	INCHES	MILLIMETERS
C	.087	2.20
E	.037	0.95
E1	.075	1.90
G	.031	0.80
X	.039	1.00
Y	.055	1.40
Z	.141	3.60