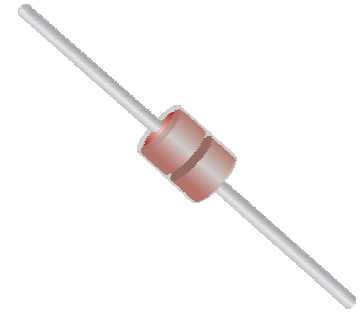
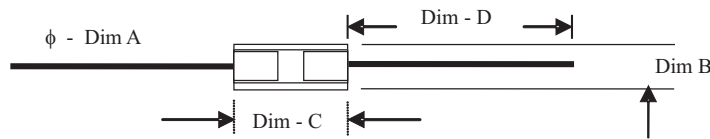


**PTB Series – Middle Voltage Surge Absorbers**

- Low Impulse Breakdown Voltage
- Fast Response
- High Surge Current Capacity
- Long Surge Life
- Low Capacitance
- High Insulation Resistance
- DO-41 Glass Package



**Mechanical Dimensions**



	Package	A ± 0.05mm	B ± 0.3mm	C ± 0.3mm	D ± 3.0mm
PTB	DO-41	0.5	2.6	4.3	28.0

**Printing**



Example: Code for 102M

		Black	Brown	Red	Orange	Yellow	Green	Blue	Violet	Grey	White
Band1	First Digit	0	1	2	3	4	5	6	7	8	9
Band2	Second Digit	0	1	2	3	4	5	6	7	8	9
Band3	Third Digit	0	1	2	3	4	5	6	7	8	9

**Product Selection Guide**

Model	DC Spark-over Voltage Vs (V)	Insulation Resistance	Capacitance	Surge Life test	Surge Current Capacity
PTB	251M	> 100 MΩ @ 100VDC	< 1pF	8X20μs, 100A, 30 sec interval, 300 times	8x20μ s, 1.5 kA, 3 times, 5min. interval
	301L				
	301LS				
	301M				
	301MS				
	401M	> 100 MΩ @ 250VDC			
	501M				

**Packing**

Available in Bulk, Radial and Axial Taping. Qty: 3000 Pcs./box (Bulk: 10 pouches/box, 300pcs/pouch)

**Applications**

Please See Document PL01020