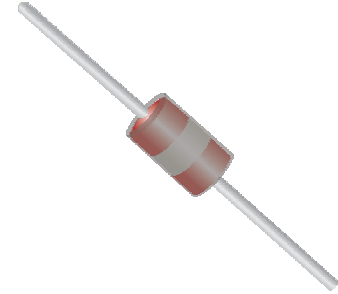
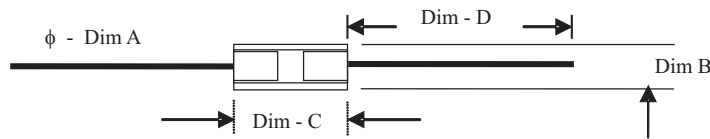


PTHC SERIES – HIGH VOLTAGE CERAMIC SPARK GAPS

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



Mechanical Dimensions



	Package	A ± 0.05mm	B ± 0.3mm	C ± 0.3mm	D ± 3.0mm
PTHC - A	DSS	0.5	3.1	7.5	28.0
PTHC - B	DO-41	0.5	2.6	4.3	28.0

Marking : 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		
PTHC B	102M	800-1200	> 100 MΩ @ 250VDC	< 2pF	PTHC A	PTHC B	8x20μs, 750A, 24 times, 2 min interval in series with 80 Ohm resistor		
	152M	1200-1800			8x20μs, 100A, 1 min. interval, 50 times				
PTHC A	242M	1900-2900							
	302M	2400-3600							
	362M	2800-4300							

Packing

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

Applications

Please See Document PL01020