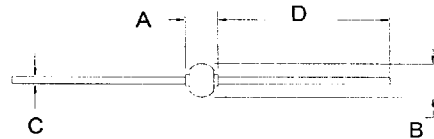


# UNIDIRECTIONAL TRANSIENT VOLTAGE SUPPRESSORS

500W and 1500W Peak Pulse Power  
1N6463 - 1N6468 • 1N6471 - 1N6476

VMI transient voltage suppressors provide voltage surge protection for your critical circuits.

- Miniature hermetically sealed glass package.
- 12.0 to 51.6 volts.
- 500W or 1500W transient capability for 1ms.
- Operating Temperature: -65°C to +175°C
- Storage Temperature: -65°C to +200°C



	A	B	C	D
500W	.225 max (5.72 max)	.110 max (2.79 max)	.033(.838) .026(.66)	1.30(33.02) .90(22.86)
1500W	.300 max (7.62 max)	.180 max (4.57 max)	.042(1.07) .037(.939)	1.30(33.02) .90(22.86)

## ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

JEDEC NUMBER	Reverse Stand-off Voltage Vr Volts	Breakdown Voltage BV			Maximum Reverse Leakage @ Vr Ir (µA)	Maximum Clamping Voltage @ Ipp Vc Volts	Maximum Peak Pulse Current* Ipp Amps	Maximum Voltage Temperature Variation of BV %/°C
		Volts Min.	Volts Max.	I(br) (mA)				
500W	1N6463	12.0	13.6	15.0	5	22.6	22	0.05
	1N6464	15.0	16.4	18.1	5	26.5	19	0.06
	1N6465	24.0	27.0	29.8	2	41.4	12	.084
	1N6466	30.5	33.0	36.5	1	47.5	11	.093
	1N6467	40.3	43.7	48.3	1	63.5	8	.094
	1N6468	51.6	54.0	59.7	1	78.5	6	.096
1500W	1N6471	12.0	13.6	15.0	10	22.6	66	0.05
	1N6472	15.0	16.4	18.1	10	26.5	57	0.06
	1N6473	24.0	27.0	29.8	5	41.4	36.5	.084
	1N6474	30.5	33.0	36.5	1	47.5	32	.093
	1N6475	40.3	43.7	48.3	1	63.5	24	.094
	1N6476	51.6	54.0	59.7	1	78.5	19	.096

\*Peak Pulse Current Decaying Exponentially to Half Value in 1.0 ms.

Dimensions:In.(mm) • All temperatures are ambient unless otherwise noted. • Data subject to change without notice.



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