

## FEATURES

- Available as "HR" (high reliability) screened per MIL-PRF-19500, JANTX level. Add "HR" suffix to base part number.
- Available as non-RoHS (Sn/Pb plating), standard, and as RoHS by adding "-PBF" suffix.

## MAXIMUM RATINGS

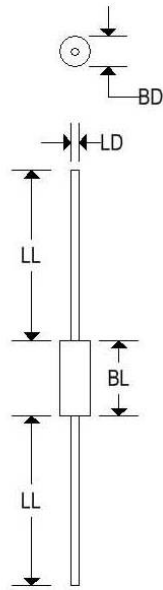
Characteristics	Value
Stand-off voltage	5 to 48V
Peak pulse power (8 x 20 microsec pulse)	1000W
Peak pulse power (1 millisecc pulse)	150W
Power continuous ( $T_L = 3/8"$ )	2.5W
Storage and operating temperature range	-65° to +175°C

## ELECTRICAL CHARACTERISTICS @25°C

Part number	Stand-off voltage $V_R$	Minimum breakdown voltage $B_{V(min)} @ 1mA$	Maximum leakage current $I_R @ V_R$	Maximum peak current $I_P$	Maximum clamping voltage $V_C @ 10A$	Maximum temperature coefficient $B_V$
	V	V	$\mu A$	A	V	%/°C
EPS5	5	6.0	50	89.4	9.5	0.030
EPS8	8	9.0	2	62.1	13.7	0.040
EPS12	12	13.8	1	40.3	21.6	0.050
EPS15	15	16.7	1	33.9	26.0	0.055
EPS17	17	19.0	1	30.8	29.2	0.060
EPS24	24	28.4	1	22.0	43.2	0.070
EPS28	28	31.0	1	19.2	47.8	0.075
EPS33	33	36.8	1	16.4	56.7	0.080
EPS48	48	54.0	1	11.2	84.3	0.090

### MECHANICAL CHARACTERISTICS

<b>Case:</b>	Digi A
<b>Polarity:</b>	Cathode band
<b>Marking:</b>	Body painted, alpha-numeric



	Digi A			
	Inches		Millimeters	
	Min	Max	Min	Max
BD	-	0.095	-	2.413
BL	-	0.180	-	4.572
LD	0.028	0.032	0.711	0.813
LL	0.700	-	17.800	-

