NOTES:1. Measured at 1 MHz and applied reverse voltage of 4 VDC

2. Thermal resistance from junction to ambient and from junction to lead length 0.375"(9.5mm) P.C.B. mounted

ANE204 GEDIES

OLTAGE 50 to 1000 Volt CURRENT 1.5 Ampere	DO-15	Unit : inch(mm
FEATURES	1	
 Plastic package has Underwriters Laboratories Flammability Classification 94V-O utilizing Flame Retardant Epoxy Molding Compound. 	.0(25.4)MIN.	0.034(0.86) 0.028(0.71)
• Low leakage.	1.0(2	
• Lead free in compliance with EU RoHS2.0 (2011/65/EU & 2015/865/EU directive)		L
	0.300(7.6) 0.230(5.8)	
MECHANICAL DATA		0.140(3.6)
Case: Molded plastic, DO-15	Z.	0.104(2.6)
 Terminals: Axial leads, solderable to MIL-STD-750, Method 2026 	0(25.4) MIN	
Polarity: Color Band denotes cathode end	1.0(
• Weight: 0.014 ounce, 0.397 gram		

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

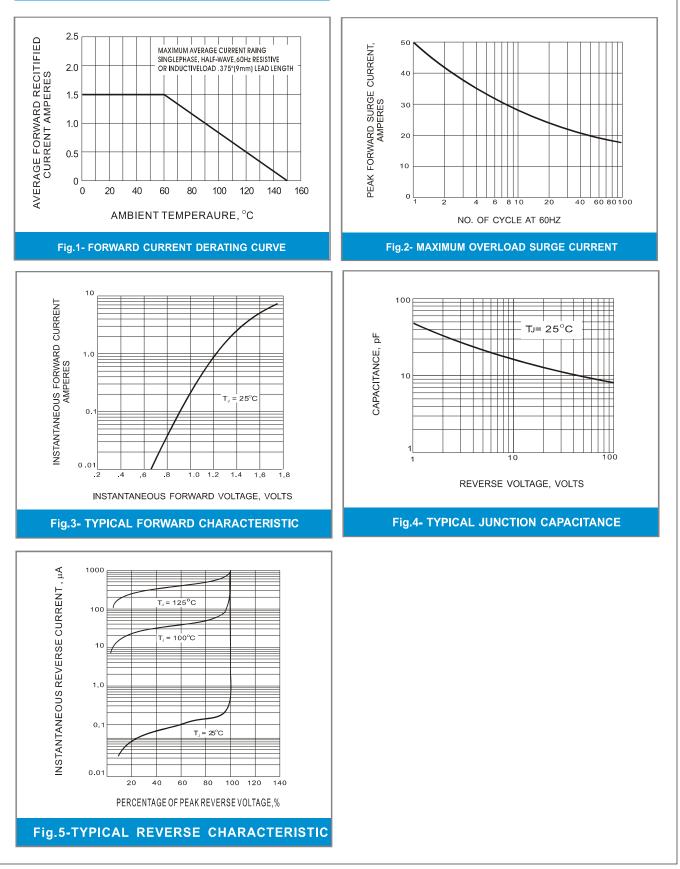
Ratings at 25°C ambient temperature unless otherwise specified. Resistive or inductive load, 60Hz, Single phase, half wave, For capacitive load, derate current by 20%

PARAMETER	SYMBOL	1N5391	1N5392	1N5393	1N5394	1N5395	1N5396	1N5397	1N5398	1N5399	UNITS
Maximum Recurrent Peak Reverse Voltage	V _{rrm}	50	100	200	300	400	500	600	800	1000	v
Maximum RMS Voltage	V _{rms}	35	70	140	210	280	350	420	560	700	v
Maximum DC Blocking Voltage		50	100	200	300	400	500	600	800	1000	v
Maximum Average Forward Current .375"(9.5mm) lead length at T _A =60°C		1.5							А		
Peak Forward Surge Current : 8.3ms single half sine-wave superimposed on rated load		50						A			
Maximum Forward Voltage at 1.5A		1.4						v			
Maximum DC Reverse Current at Rated DC Blocking $T_j=25^{\circ}C$ Voltage $T_j=100^{\circ}C$		1 500							μA		
Typical Junction Capacitance (Notes 1)		25						pF			
Typical Thermal Resistance (Notes 2)		45 28							°C / W		
Operating Junction and Storage Temperature Range		-55 to +150							°C		





RATING AND CHARACTERISTIC CURVES







1N5391 SERIES

Part No_packing code_Version

1N5391_AY_00001
1N5391_AY_10001
1N5391_B0_00001
1N5391_B0_10001
1N5391_R2_00001
1N5391_R2_10001

For example :

RB500V-40_R2_00001



Packing Code XX				Version Code XXXXX			
Packing type	1 st Code	Packing size code	2 nd Code	HF or RoHS	1 st Code	2 nd ~5 th Code	
Tape and Ammunition Box (T/B)	Α	N/A	0	HF	0	serial number	
Tape and Reel (T/R)	R	7"	1	RoHS	1	serial number	
Bulk Packing (B/P)	В	13"	2				
Tube Packing (T/P)	т	26mm	X				
Tape and Reel (Right Oriented) (TRR)	S	52mm	Y				
Tape and Reel (Left Oriented) (TRL)	L	PANASERT T/B CATHODE UP (PBCU)	U				
FORMING	F	PANASERT T/B CATHODE DOWN (PBCD)	D				





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