

## HITANO ENTERPRISE CORP.

## BA157 THRU BA159

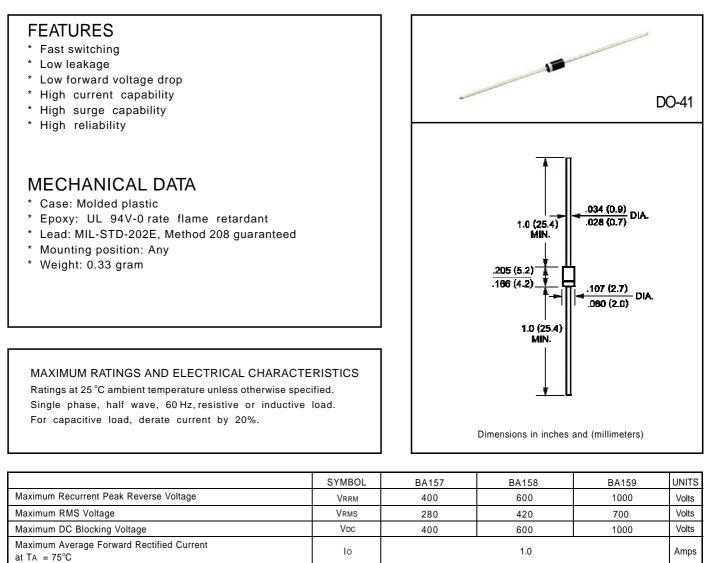
## TECHNICAL SPECIFICATIONS OF FAST RECOVERY RECTIFIER

VOLTAGE RANGE - 400 to 1000 Volts

CURRENT - 1.0 Ampere

Amps Volts uAmps

uAmps nSec pF °C



Peak Forward Surge Current 8.3 ms single half sine-wave superimposed on rated load (JEDEC Method)	IFSM	30		
Maximum Instantaneous Forward Voltage at 1.0A DC	VF	1.3		
Maximum DC Reverse Current at Rated DC Blocking Voltage TA = 25°C	la.	5.0 100		
Maximum Full Load Reverse Current Full Cycle Average, .375*(9.5mm) lead length at T ∟ = 55°C	IR –			
Maximum Reverse Recovery Time (Note 1)	trr	150	250	500
Typical Junction Capacitance (Note 2)	CJ	15		
Operating and Storage Temperature Range	TJ, TSTG	-65 to + 150		

NOTES : 1. Test Conditions: IF = 0.5A, IR = 1.0A, IRR = 0.25A

2. Measured at 1 MHz and applied reverse voltage of 4.0 volts

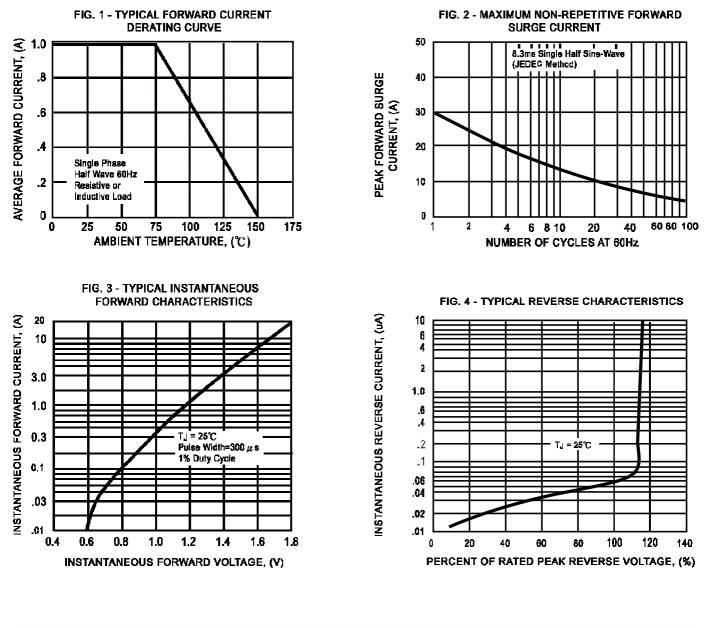


FIG. 5 - TYPICAL JUNCTION CAPACITANCE

