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watts electronics private limited

DIODE

INTRODUCTION:

The 1N4007/1N4007S series diodes are manufactured to give high current / low forward voltage drop capability.

1N4007 has a lead diameter of 0.7 ± 0.05mm and 1N4007S has a lead diameter of 0.6 ± 0.05mm.

SPECIFICATIONS							
SILICON RECTIFIER DIODES (- 65°C ~ + 175°C)							
Part No	Maximum Average Forward current IF(AV) in (A)	Maximum Repetitive Reverse Voltage (VRRM) in (V)	Maximum Forward peak Surge current @ 8.3 ms Single half sine wave IFSM in (A)	Maximum Forward Voltage @ TA=25°C (VF) in (V)	Maximum Reverse Current @ VRRM IRRM(μA) TA=25°C TA=100°C		Package
1N4007	1.0	1200	30	1.0(IF=1A)	5.0	50	DO-41
1N4007S	1.0	1200	30	1.0(IF=1A)	5.0	50	DO-41

VOLTAGE RANGE: 50 --- 1200 V CURRENT: 1.0 A









