

## Fast Recovery Diodes

### RF1501TF3S

#### [ Product description ]

ROHM's fast recovery diodes are ultra high-speed, low VF, and suited for significant efficiency increase of switching power supply as well as reduction of switching loss.

#### Features

EHigh-reliability TO-220 package product.

#### Product specifications

##### Absolute maximum ratings (Ta=25°C)

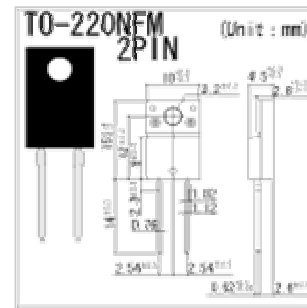
| Rated parameters                            | Standard value | Conditions |
|---------------------------------------------|----------------|------------|
| Repetitive peak reverse voltage $V_{RM}(V)$ | 350            |            |
| Reverse voltage(DC) $V_R(V)$                | 300            |            |
| Forward current $I_F$                       | -              |            |
| Average rectified forward current $I_O(A)$  | 20             |            |
| Forward current surge peak $I_{FSM}(A)$     | 100            | 60Hz/1cyc  |
| Junction temperature $T_j(^{\circ}C)$       | 150            |            |
| Storage temperature $T_{stg}(^{\circ}C)$    | -55 to +150    |            |

#### Outline

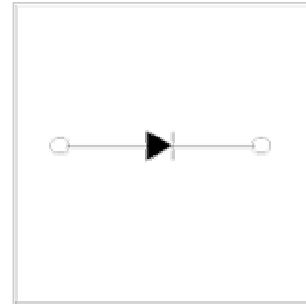


15x10(t=4.5)

#### Dimensions



#### Equivalent circuit diagram



\*The contents described here are just outline for introduction.

Please obtain the specification sheets from us for thorough check before use.