



**THE DATASHEET OF
RB520SM-40T2R**



Schottky Barrier Diodes

RB520SM-40

[Product description]

ROHM's schottky barrier diodes are low VF, low IR and high ESD resistant, suitable for PC, mobile phone and various portable electronics.

Features

- Small power mold type.
- Low IR type, highly reliable.
- Structure:Silicone epitaxial planar type.

Product specifications

Absolute maximum ratings (Ta=25°C)

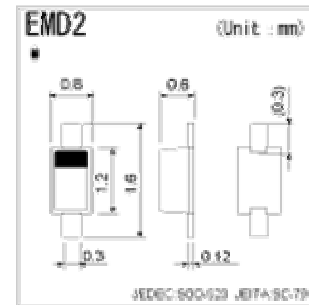
Rated parameters	Standard value	Conditions
Repetitive peak reverse voltage $V_{RM}(V)$	40	
Reverse voltage(DC) $V_R(V)$	40	
Average rectified forward current $I_O(A)$	0.2	
Forward current surge peak $I_{FSM}(A)$	1	60Hz/1cyc
Junction temperature $T_j(^{\circ}C)$	150	
Storage temperature $T_{stg}(^{\circ}C)$	-40 to +150	

Outline

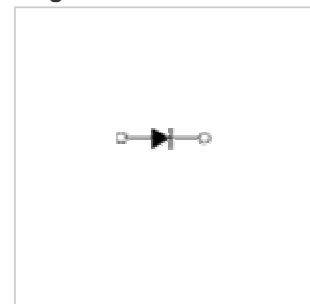


1.6x0.8(t=0.6)

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.

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