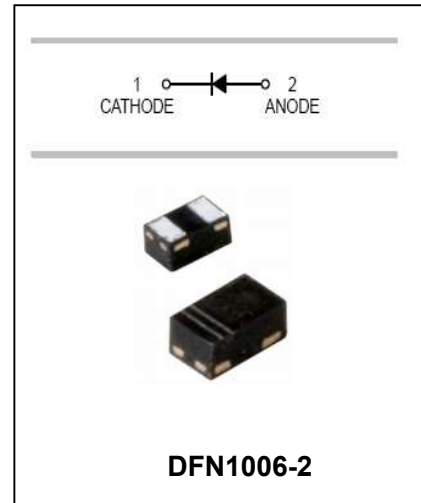


## Schottky Barrier Diode

## RB751L-40

### FEATURES

- High reliability.
- Low voltage; Low inductance.
- Low  $V_F$ .



### APPLICATIONS

- Low current rectification.

### ORDERING INFORMATION

Type No.	Marking	Package Code
RB751L-40	5	DFN1006-2

### MAXIMUM RATING @ Ta=25°C unless otherwise specified

Parameter	Symbol	Limits	Unit
Peak reverse voltage	$V_{RM}$	45	V
DC reverse voltage	$V_R$	40	V
Mean rectifying current	$I_O$	30	mA
Peak forward surge current	$I_{FSM}$	200	mA
Junction temperature	$T_j$	125	°C
Storage temperature	$T_{stg}$	-40 to +125	°C

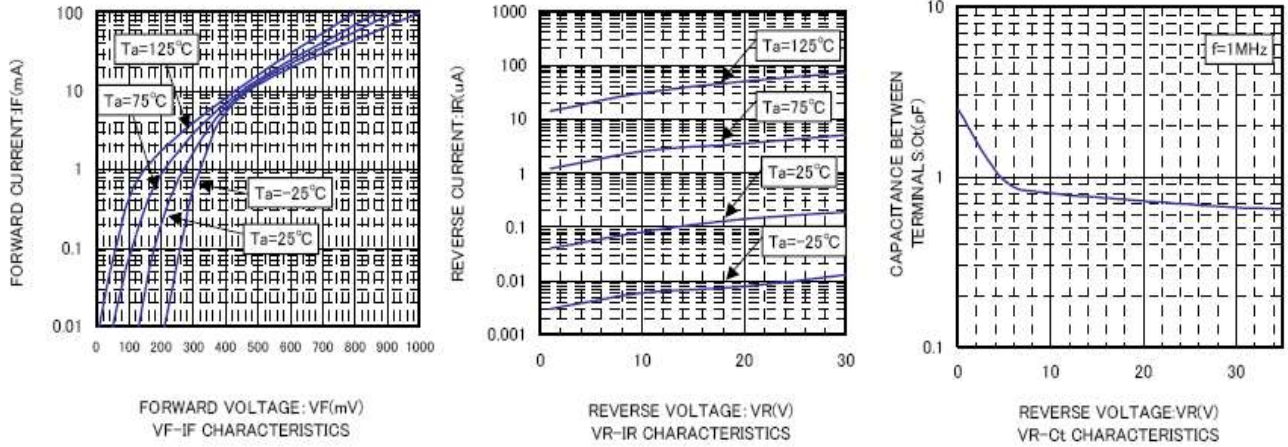
### ELECTRICAL CHARACTERISTICS @ Ta=25°C unless otherwise specified

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	$V_F$			0.37	V	$I_F=1mA$
Reverse current	$I_R$			0.5	$\mu A$	$V_R=30v$
Capacitance between terminals	$C_T$		2		pF	$V_R=1V, f=1MHz$

Schottky Barrier Diode

**RB751L-40**

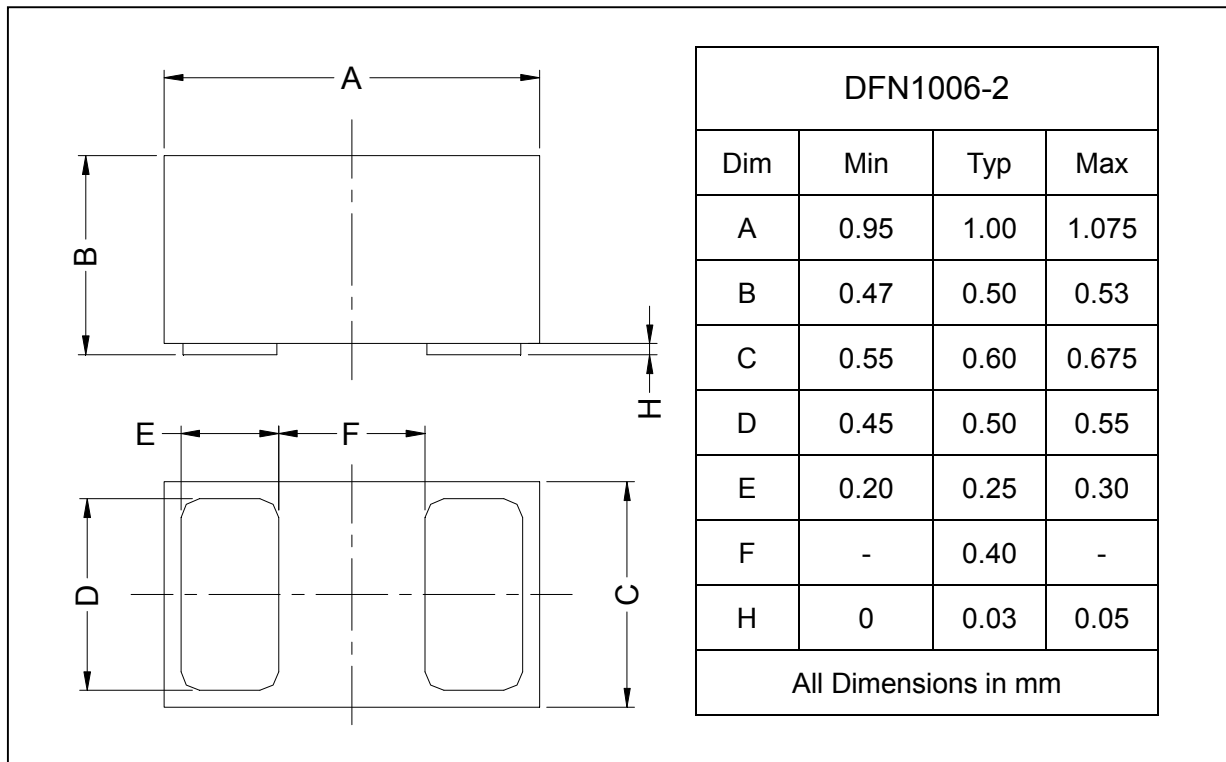
TYPICAL CHARACTERISTICS @ Ta=25°C unless otherwise specified



PACKAGE OUTLINE

Plastic surface mounted package

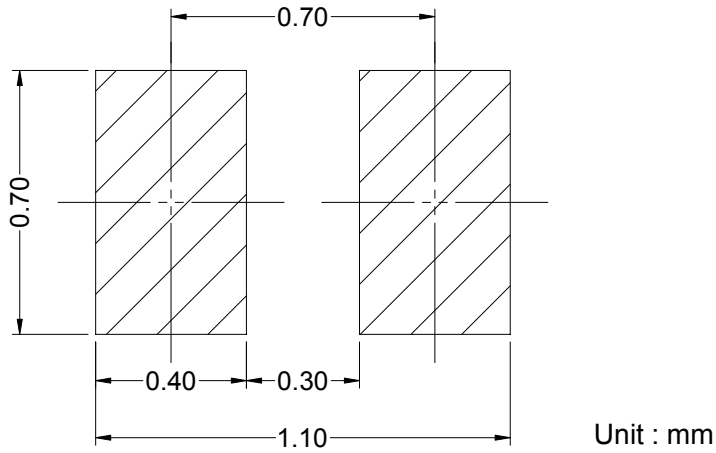
DFN1006-2



Schottky Barrier Diode

**RB751L-40**

SOLDERING FOOTPRINT



PACKAGE INFORMATION

Device	Package	Shipping
RB751L-40	DFN1006-2	5000/Tape&Reel