

### Features

- Low leakage current
- Ultra small SMD plastic package (0.6×0.3×0.3mm)
- Halogen – free
- Qualified max. reflow temperature: 260°C

### Marking Information



### Ordering Information

Part Number	Packaging	Reel Size
ASK30VRP0	10000Tape & Reel	7 inch

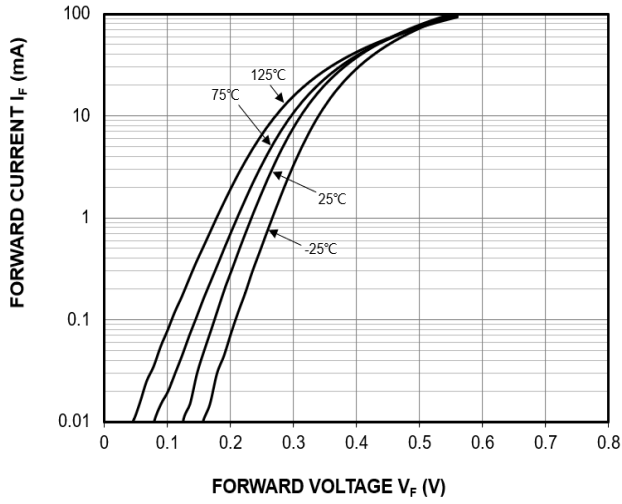
### Absolute Maximum Ratings (T<sub>A</sub>=25°C unless otherwise specified)

Symbol	Parameter	Value	Units
V <sub>R</sub>	Maximum Reverse Voltage	30	V
I <sub>F</sub>	Average Rectified Forward Current	100	mA
T <sub>J</sub>	Junction Temperature	125	°C
T <sub>STG</sub>	Storage Temperature	-40 to +125	°C

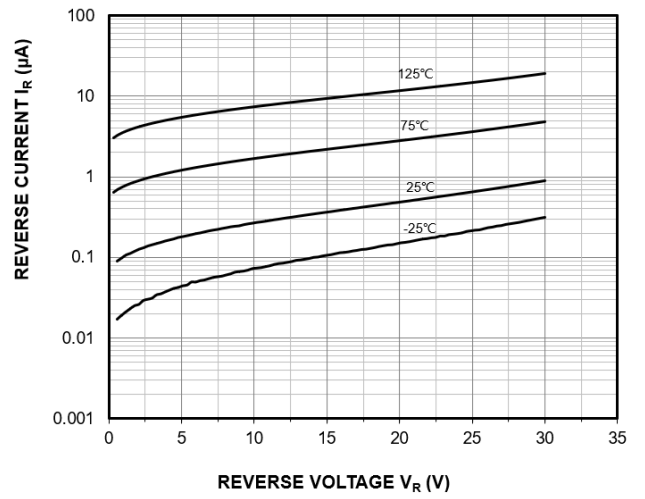
### Electrical Characteristics (T<sub>A</sub>=25°C unless otherwise specified)

Parameter	Symbol	Min	TYP	Max	Unit	Test Condition
Reverse Breakdown Voltage	V <sub>BR</sub>	30			V	I <sub>F</sub> =1mA
Reverse Current	I <sub>R</sub>			10	μA	V <sub>R</sub> =10V
Forward Voltage	V <sub>F</sub>			0.35	V	I <sub>F</sub> =10mA

**Typical Performance Characteristics**

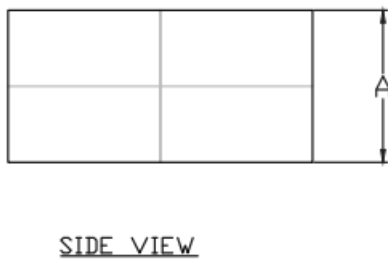
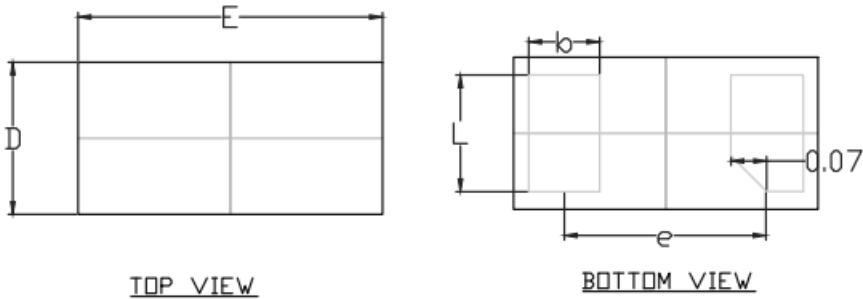


**Forward Current vs. Forward Voltage**



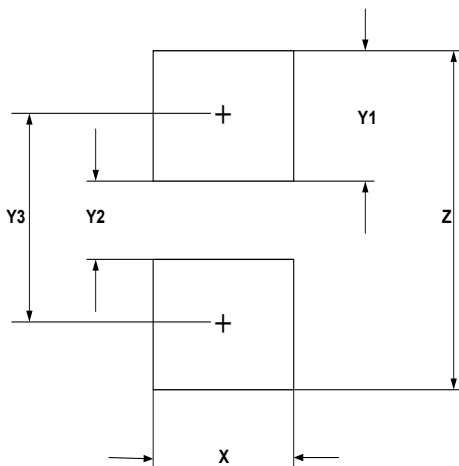
**Reverse Current vs. Reverse Voltage**

### DFN0603-2 Package Outline Drawing



Dimensions		Unit mm	
Type	Min	Nom	Max
A	0.280	0.300	0.320
b	0.165	0.190	0.215
D	0.250	0.300	0.350
E	0.550	0.600	0.650
e		0.380	
L	0.210	0.230	0.250

### Suggested Land Pattern



SYM	DIMENSIONS	
	MILLIMETERS	INCHES
X	0.30	0.012
Y1	0.25	0.010
Y2	0.15	0.006
Y3	0.40	0.016
Z	0.65	0.026

### Contact Information

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