

RoHS Compliant Product
A suffix of "-C" specifies halogen & lead-free

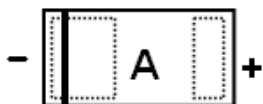
FEATURES

- Small Surface Mounting Type
- Low Reverse Current and Low Forward Voltage
- High Reliability

APPLICATION

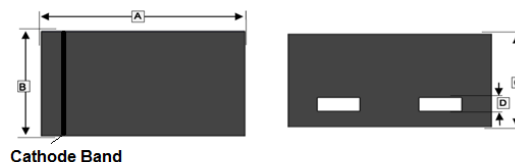
- High speed switching For Detection
- For portable equipment:(i.e. Mobile phone,MP3, MD,CD-ROM,DVD-ROM, Note book PC, etc.)

MARKING

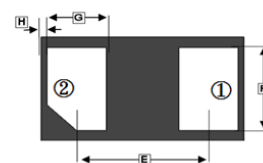


TOP VIEW

DFN0201



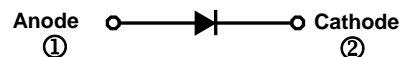
Cathode Band



REF.	Millimeter		REF.	Millimeter	
	Min.	Max.		Min.	Max.
A	0.57	0.67	E	0.36	0.44
B	0.27	0.37	F	0.22	0.30
C	0.27	0.34	G	0.12	0.20
D	0.05 REF.		H	0.03 REF.	

PACKAGE INFORMATION

Package	MPQ	Leader Size
DFN0201	10K	7 inch



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

(Rating 25°C ambient temperature unless otherwise specified. Single phase half wave, 60Hz, resistive or inductive load.
For capacitive load, de-rate current by 20%.)

Parameter	Symbol	Rating	Unit
DC Reverse Voltage	V_R	30	V
Mean rectifying current	I_O	100	mA
Peak Forward Surge Current, 8.3 ms single half sine-wave superimposed on rated load (JEDEC method)	I_{FSM}	500	mA
Maximum Instantaneous Forward Voltage @ $I_F=10mA$	V_F	0.46	V
Maximum DC Reverse Current @ $V_R=10V$	I_R	0.3	μA
Operating Temperature Range	T_J	125	°C
Storage Temperature Range	T_{STG}	-50~150	°C

Typical Characteristics

