Micro Commercial Components

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RB715F

30 mA
Schottky Barrier Diode
40 Volts

Features

- High reliability
- Low V_F and Low I_R
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1
- Marking:3D
- Lead Free Finish/Rohs Compliant ("P"Suffix designates Compliant. See ordering information)

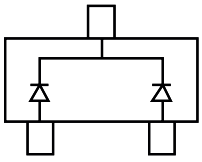
Maximum Ratings

Symbol	Parameter	Rating	Unit
V_{RM}	Peak Reverse Voltage	40	V
I_F	Forward Current	30	mA
I_{FSM}	Peak Forward Surge Current*	200	mA
T_J	Junction Temperature	-55 to +150	℃
T_{STG}	Storage Temperature	-55 to +150	℃

*Rating of per diode(60Hz · 1cyc)

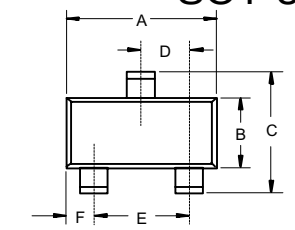
Electrical Characteristics @ 25°C Unless Otherwise Specified

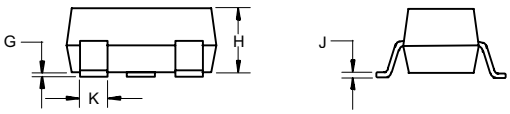
Symbol	Parameter	Min	Typ	Max	Units
OFF CHARACTERISTICS					
V_F	Forward Voltage (I_F=1mAdc)	---	---	0.37	Vdc
I_R	Reverse Current (V_R=10Vdc)	---	---	1	uAdc
C_D	Diode Capacitance (V_R=1V, f=1MHz)	---	---	5	PF



RB715F

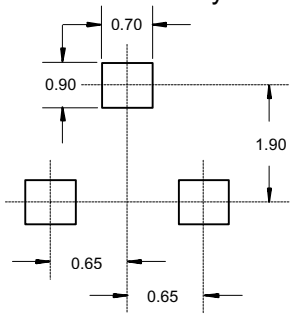
SOT-323





DIMENSIONS					
	INCHES		MM		
DIM	MIN	MAX	MIN	MAX	NOTE
A	.079	.087	2.00	2.20	
B	.045	.053	1.15	1.35	
C	.085	.096	2.15	2.45	
D	.026 Nominal		0.65Nominal		
E	.047	.055	1.20	1.40	
F	.012	.016	.30	.40	
G	.000	.004	.000	.100	
H	.035	.039	.90	1.00	
J	.003	.006	.080	.150	
K	.008	.016	.20	.40	

Suggested Solder Pad Layout



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Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 3Kpcs/Reel

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