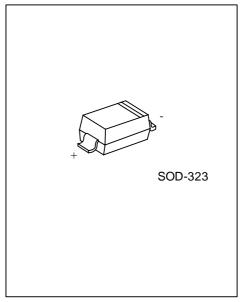


RB751V40

SCHOTTKY DIODES

■ FEATURES

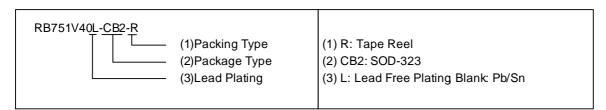
- * Miniature surface mounting type
- * Low forward voltage drop (V_F=0.37V Typ. at 1mA)
- * Low reverse leakage current
- * Fast switching speed



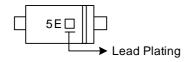
*Pb-free plating product number: RB751V40L

■ ORDERING INFORMATION

Order Number		Dookogo	Dooking		
Normal	Lead Free Plating	Package	Packing		
RB751V40-CB2-R	RB751V40L-CB2-R	SOD-323	Tape Reel		



MARKING



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RB751V40

■ ABSOLUTE MAXIMUM RATINGS (Single Diode @T_A=25)

PARAMETER		RATINGS	UNIT
Peak Reverse Voltage		40	V
Maximum Reverse Voltage (DC)		30	V
Mean Rectifying Current		30	mA
Non-repetitive Peak Forward Surge Current		200	mA
Junction Temperature	TJ	+125	
Storage Temperature	T _{STG}	-40 ~ +125	

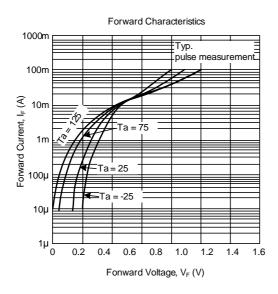
Note: Absolute maximum ratings are those values beyond which the device could be permanently damaged. Absolute maximum ratings are stress ratings only and functional device operation is not implied.

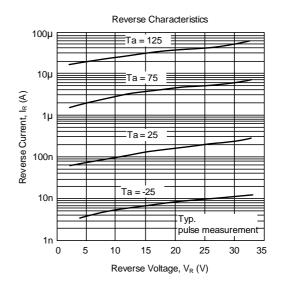
■ **ELECTRICAL CHARACTERISTICS** (T_A=25 , unless otherwise specified)

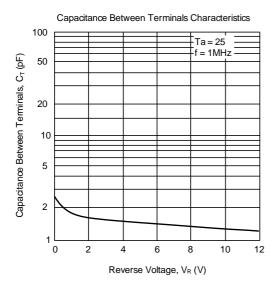
PARAMETER	SYMBOL	TEST CONDITIONS	MIN	TYP	MAX	UNIT
Forward Voltage	V_{F}	I _F = 1mA			0.37	V
Reverse Leakage Current	I _R	V _R =30V			0.5	μΑ
Capacitance Between Terminals	Ст	V _R =1V, f=1MHz		2		pF

RB751V40

■ TYPICAL CHARACTERISTICS







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