



RB720M-30

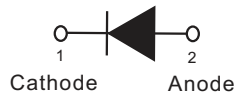
SCHOTTKY BARRIER TYPE DIODE

VOLTAGE FEATURES

- Low forward voltage
- High reliability
- Lead free in compliance with EU RoHS 2.0
- Green molding compound as per IEC 61249 standard

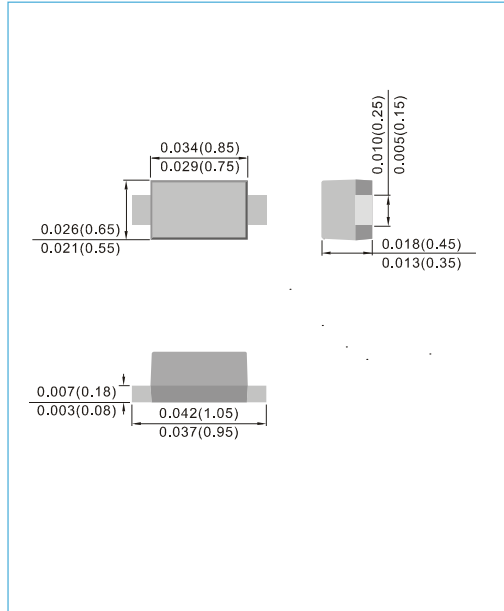
MECHANICAL DATA

- Case: SOD-923, Plastic
- Terminals: Solderable per MIL-STD-750, Method 2026
- Approx. Weight: 0.00002 ounces, 0.0005 grams
- Marking: J



SOD-923

Unit : inch(mm)



MAXIMUM RATINGS (T_A=25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	V _R	30	V
Average Forward Current	I _o	0.1	A
Surge Current (8.3ms)	I _{FSM}	1	A
Operating Junction and Storage Temperature Range	T _J , T _{STG}	-55 to + 125	°C

ELECTRICAL CHARACTERISTICS (T_A=25°C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	V _F	I _F =10mA	-	-	0.35	V
Reverse Current	I _R	V _R =10V	-	-	0.5	A



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TYPICAL CHARACTERISTIC CURVES

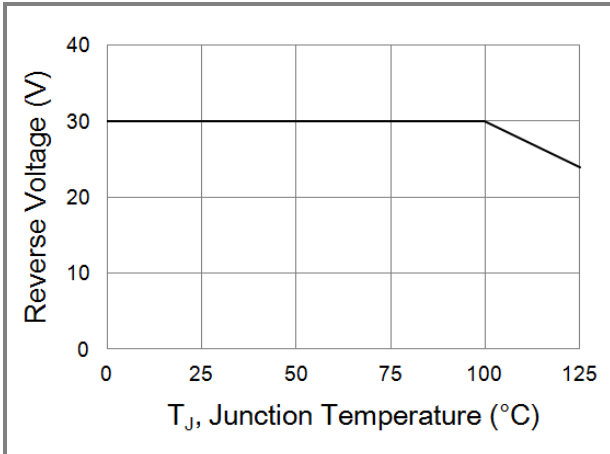


Fig.1 Operating Temperature Derating Curve

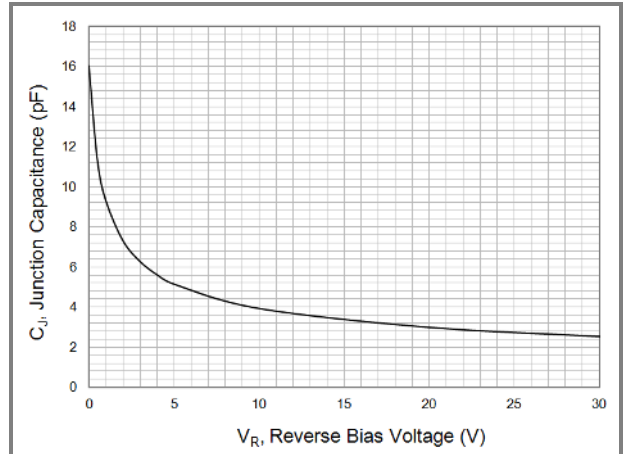


Fig.2 Typical Junction Capacitance

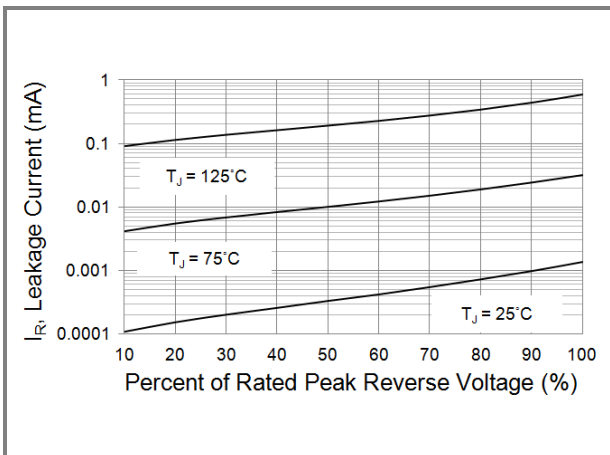


Fig.3 Typical Reverse Characteristics

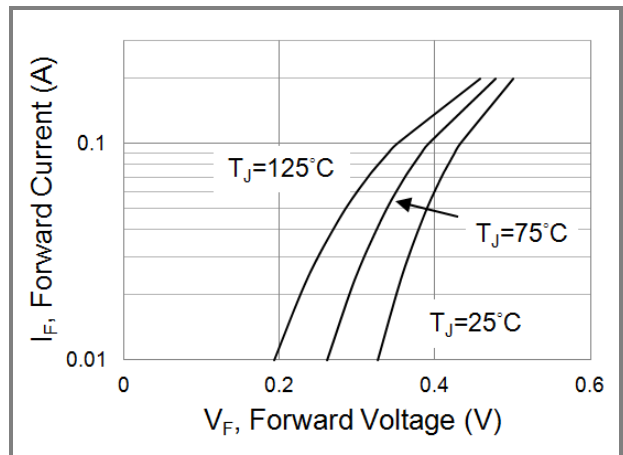
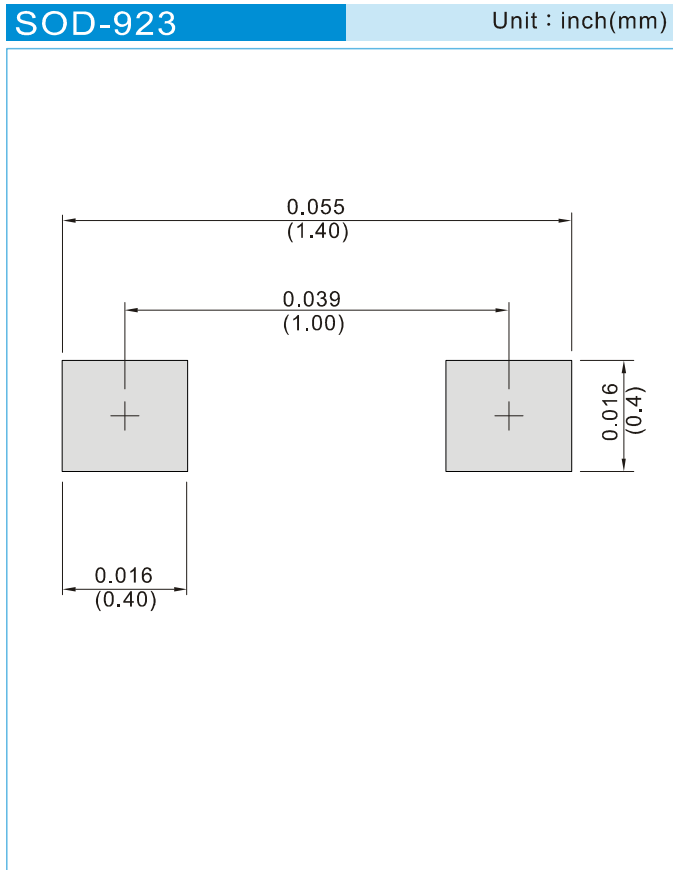


Fig.4 Typical Forward Characteristics



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MOUNTING PAD LAYOUT



ORDER INFORMATION

- Packing information
T/R - 8K per 7" plastic Reel



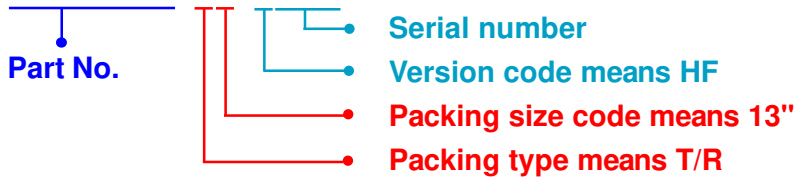
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Part No_packing code_Version

RB720M-30_R1_00001

For example :

RB500V-40 R2 00001



Packing Code XX				Version Code XXXXX		
Packing type	1 st Code	Packing size code	2 nd Code	HF or RoHS	1 st Code	2 nd ~5 th Code
Tape and Ammunition Box (T/B)	A	N/A	0	HF	0	serial number
Tape and Reel (T/R)	R	7"	1	RoHS	1	serial number
Bulk Packing (B/P)	B	13"	2			
Tube Packing (T/P)	T	26mm	X			
Tape and Reel (Right Oriented) (TRR)	S	52mm	Y			
Tape and Reel (Left Oriented) (TRL)	L	PANASERT T/B CATHODE UP (PBCU)	U			
FORMING	F	PANASERT T/B CATHODE DOWN (PBCD)	D			



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