

Technical Data

DIODE

maximum ratings



Voltage, Reverse (VR)	70.0	V
Voltage, Reverse Peak (VRM)		V
Current at VR = 0V (IO)		A
Current Average Rectified (IF)	0.07	A
Current Surge Peak (IFM)		A
Current, Surge (IFM) at tp =		A
Max. Power Dissipation (PT) at TA = 25° C	0.25	W
Max. Thermal Resistance (Rth J-A)	500.0	°C/W
Max. Junction Temperature (TJ)	150.0	°C

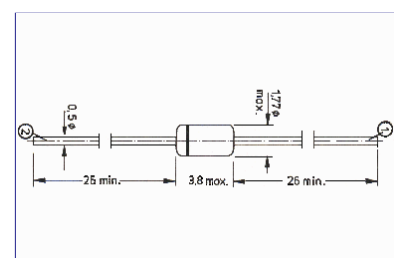
NO.	BAS70-02
TYPE	SCHOTTKY
Case	DO-35

PERFORMANCE CHARACTERISTICS at T_c= 25 °C, unless otherwise noted

NO.	SYMBOL	CONDITIONS	MIN.	MAX.	UNITS
1.	VR	IR = 10.0 μA	70.0		V
2.	IR	VR = 50.0 V		200.0	nA
3.	VF	IF = 1.0 mA (1)		0.41	V
4.	VF	IF = 15.0 mA (1)		1.0	V
5.	CT	VR = 0 V, f = 1.0 MHz		2.0	pF
6.	TL	IF = 5.0 mA		100.0	ps
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19.					
20.					

Notes (1) pulse-tested tp ≤ 300 μs, duty cycle ≤ 2 %

DIMENSIONS
in mm



Marking BAS70-02

Customer GENERAL PURPOSE