

Technical Data

DIODE

maximum ratings

Voltage, Reverse (VZ)	24.0	V	NO.	BZY93C24
Voltage, Reverse Peak (VZM)		V	TYPE	ZENER
Current at VR = 0V (IO)		A		
Current Average Rectified (IF)	5.0	A		
Current Surge Peak (IZM)	20.0	A	CASE	DO-4_UNF
Current, Surge (IFM) at tp =		A		CATHODE TO CASE
Max. Power Dissipation (PT) at TC = 75 °C	20.0	W		
Max. Thermal Resistance (Rth J-C)	5.0	°C/W		
Max. Junction Temperature (TJ)	175.0	°C		

PERFORMANCE CHARACTERISTICS at $T_c = 25^\circ\text{C}$, unless otherwise noted

NO.	SYMBOL	CONDITIONS	MIN.	MAX.	UNITS
1.	VZ	IZ = 0.5 A	22.7	25.9	V
2.	RZ	IZ = 0.5 A	-	2.0	Ω
3.	IR	VR = 16.0 V	-	50.0	μA
4.	VF	IF = 5.0 A	-	1.5	V
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20.					

Notes

DIMENSIONS
in mm

Marking BZY93C24
Customer GENERAL PURPOSE

