

Technical Data

DIODE

maximum ratings



Voltage, Reverse (VR)	25.0	V
Voltage, Reverse Peak (VRM)	30.0	V
Current at VR = 0V (IO)		A
Current Average Rectified (IF)	0.06	A
Current Surge Peak (IFM)		A
Current, Surge (IFM) at tp = 20 ms	0.2	A
Max. Power Dissipation (PT) at TC = 25 °C	0.08	W
Max. Thermal Resistance (Rth J-A)	750.0	°C/W
Max. Junction Temperature (TJ)	85.0	°C

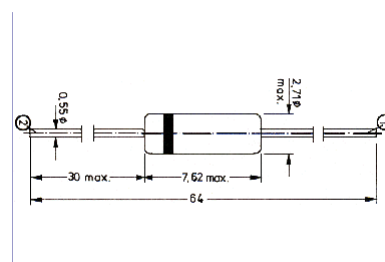
NO.	AA143
TYPE	GE
	GOLD-BONDED
Case	DO-7

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

NO.	SYMBOL	CONDITIONS	MIN.	MAX.	UNITS
1.	VR	IR = 100.0 µA (1)	30.0		V
2.	IR	VR = 3.0 V		4.0	µA
3.	IR	VR = 20.0 V		20.0	µA
4.	VF	IF = 2.0 mA (1)	0.25	0.33	V
5.	VF	IF = 15.0 mA (1)		0.5	V
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20.					

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

DIMENSIONS
in mm



Marking AA143

Customer GENERAL PURPOSE