

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS (TA=25°C unless otherwise noted)

Parameter	Symbol	Value	Units
Forward Voltage at 0.2A	V _F	1.2	V
Power Dissipation	P _D	1	W
Typical Thermal Resistance , Junction to Ambient	R _{eja}	200	°C/W
Operating Junction Temperature and Storage Temperature Range	T _J ,T _{STG}	-55 to +150	°C

	Nominal Zener Voltage			Max. Zener Impedance				Max Reverse Leakage Current		
Part Number		Vz@lzt		Zzt	Zı@lzı Zzk@lzk		I _R @V _R		Marking Code	
	Nom. V	Min. V	Max. V	Ω	mA	Ω	mA	μA	v	
AZD27C21	21	20.0	22.4	15	20	750	0.25	10	15	C21

NOTES:

1. Mounted on an FR4 PCB, single-sided copper, mini pad.



RATING AND CHARACTERISTIC CURVES

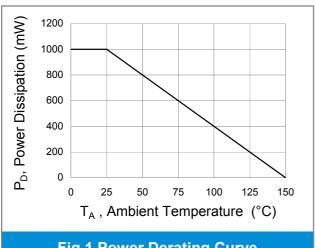


Fig.1 Power Derating Curve

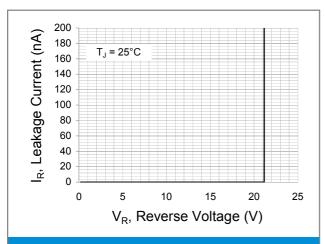
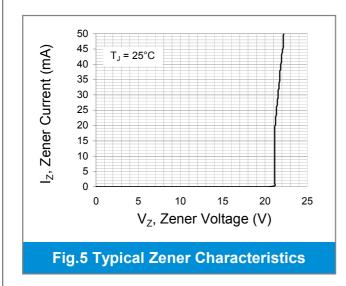


Fig.3 Typical Leakage Characteristics



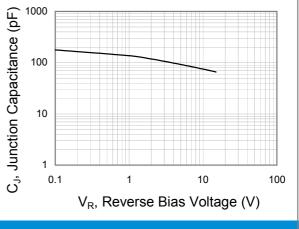


Fig.2 Typical Junction Capacitance

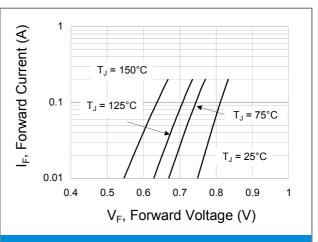
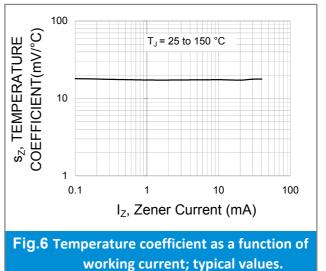
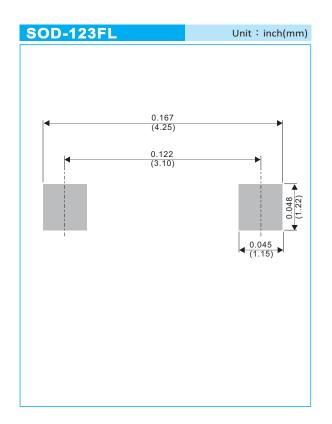


Fig.4 Typical Forward Characteristics





MOUNTING PAD LAYOUT



ORDER INFORMATION

Packing information
T/R - 10K per 13" plastic Reel
T/R - 3K per 7" plastic Reel



AZD27C21	
Part No_packing code_Version AZD27C21_R1_00001 AZD27C21_R2_00001	1
For example :	
-	
Part No. Vers	al number ion code means HF king size code means 13"
	king type means T/R

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)	Α	N/A	0	HF	0	serial number
Tape and Reel (T/R)	R	7"	1	RoHS	1	serial number
Bulk Packing (B/P)	В	13"	2			
Tube Packing (T/P)	т	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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