



## Dual Switching Diode



### Features

- Moisture sensitivity level 1
- Reverse voltage 80V
- Average forward current 100mA

### Application

- Signal switching
- High frequency rectifier

### Mechanical data

- Package** SOT-323
- Terminals** Tin plated leads, solderable per J-STD-002 and JESD22-B102

### Maximum Ratings ( $T_a=25$ Unless otherwise specified)

Parameter	Symbol	Unit	Value
Device marking code			A7
Repetitive peak reverse voltage	$V_{RRM}$	V	80
Forward current, per leg	$I_F$	mA ave	10&V
			2
Non-repetitive surge peak forward current @ t=1ms square wave	$I_{FSM}$	A	2
Power dissipation	$P_D$	mW	200
Junction temperature	$T_J$		-55 to +150
Storage temperature	$T_{STG}$		-55 to +150



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Parameter	Symbol	Unit	Conditions	Min	Typ	Max
Reverse voltage	$V_R$	V	$I_R=100\mu A$	80		
Forward voltage	$V_F$	V	$I_F=100mA$			1.2

Reverse leakage                      w                      m                      80                      a



Chara

Pd-Ia Curve

Fig 2 Capacitance Capabi

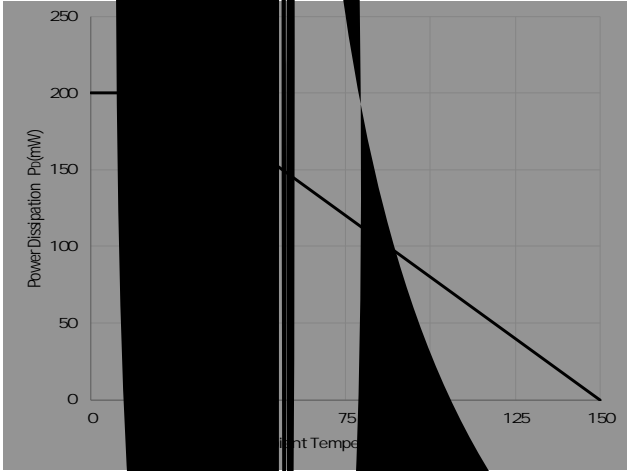
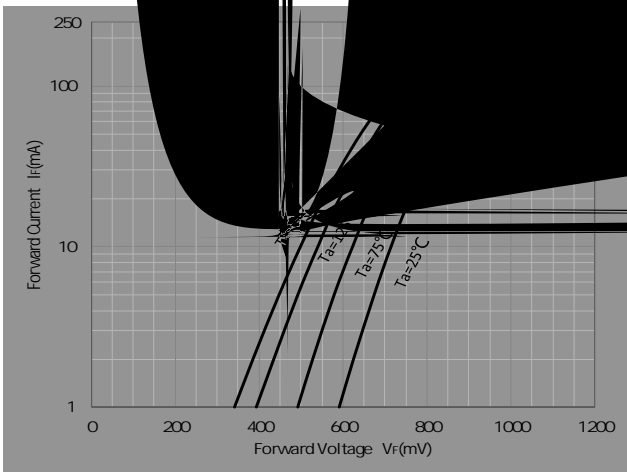


Fig 1 Forward





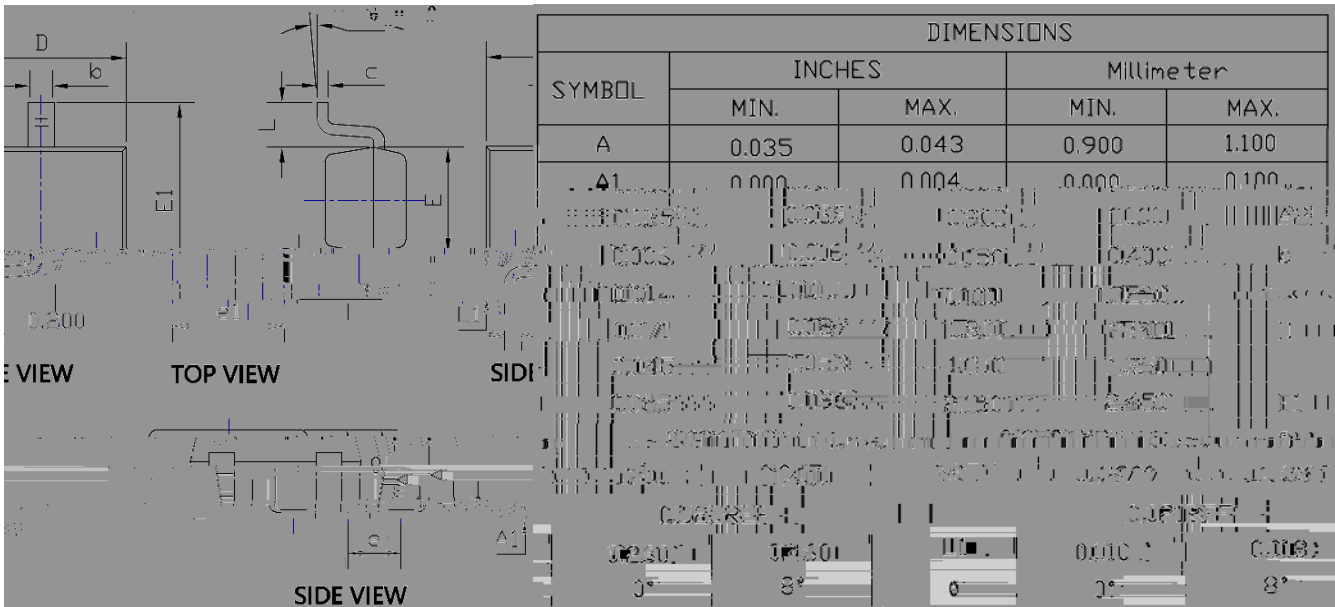
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## Ordering Information

Preferred P/N	Packing code	Unit weight(g)	Minimum package(pcs)	Inner box quantity(pcs)	Outer carton quantity (pcs)	Delivery mode
DAN217U	F2	Approximate 0.005	3000	30000	120000	7" reel

## Outline Dimensions



## Suggested Pad Layout

