



Micro Commercial Components 20736 Marilla Street Chatsworth CA 91311

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DAN202U

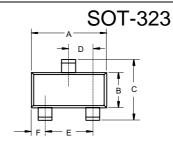
Features

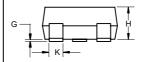
- High reliability
- · High speed
- Lead Free Finish/RoHS Compliant ("P" Suffix designates RoHS Compliant. See ordering information)
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1

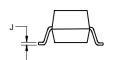
Maximum Ratings

Symbol	Parameter	Rating Unit	
V_{RM}	Peak Reverse Voltage	80	V
lo	Average Forward Current	100	mA
I _{FM}	Peak Forward Current	300	mA
P_D	Power dissipation	200	mW
T_J	Junction Temperature	-55 to +150 °C	
T _{STG}	Storage Temperature	-55 to +150	$^{\circ}\!\mathbb{C}$

100 mA Switching Diode 80 Volts







	INCHES		MM		
DIM	MIN	MAX	MIN	MAX	NOTE
Α	.071	.087	1.80	2.20	
В	.045	.053	1.15	1.35	
С	.079	.087	2.00	2.20	
D	.026 Nominal		0.65Nominal		
Е	.047	.055	1.20	1.40	
F	.012	.016	.30	.40	
G	.000	.004	.000	.100	
Н	.035	.039	.90	1.00	
J	.004	.010	.100	.250	
K	.012	.016	.30	.40	

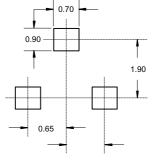
Electrical Characteristics @ 25°C Unless Otherwise Specified

Symbol	Parameter	Min	Тур	Max	Units	
OFF CHARACTERISTICS						
V _F	Forward Voltage (I _F =100mAdc)			1.2	Vdc	
I _R	Reverse Current (V _R =70Vdc)			0.1	uAdc	
C _D	Diode Capacitance (V _R =6V, f=1MHz)			3.5	pF	
t _{rr}	Reverse Recovery Time (V _R =6V, I _F =5mA)			4	ns	

Marking: N



Suggested Solder Pad Layout ---| 0.70 |---



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Typical Characteristics

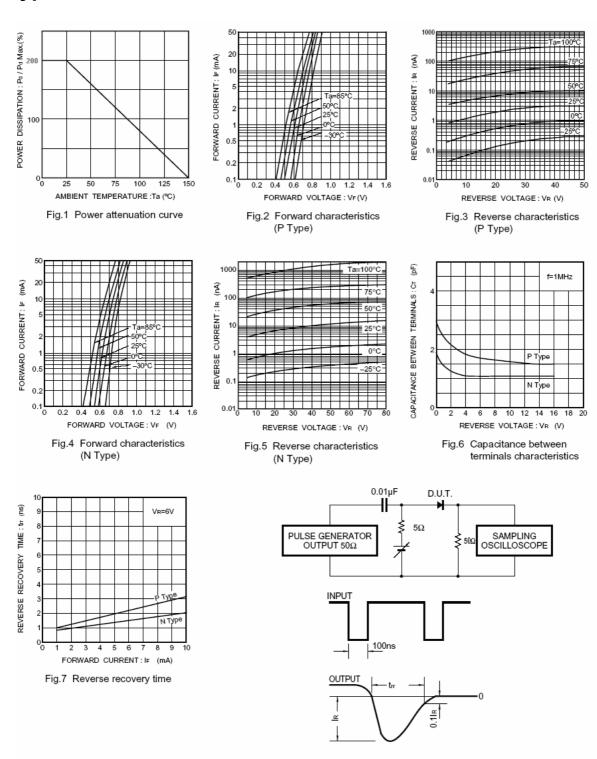


Fig.8 Reverse recovery time (trr) measurement circuit



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Ordering Information:

Device	Packing
Part Number-TP	Tape&Reel: 3Kpcs/Reel

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