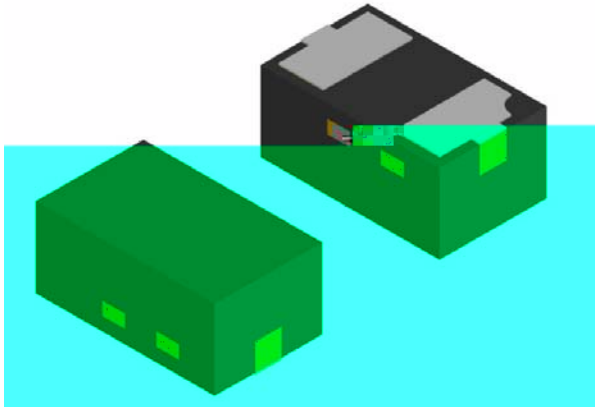


Fast Switching Diode



Features

- Low Leakage Current Applications
- Epoxy Meets UL 94 V-0 Flammability Rating
- For General Purpose Switching Applications
- High Conductance
- Lead Free Finish/RoHS Compliant
- Small package saves board space
- Moisture Sensitivity Level 3

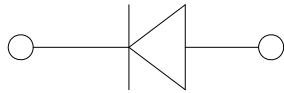
Mechanical Data

Package: DFN1006-2L

Terminals: Tin plated leads, solderable per J-STD-002 and JESD22-B102

Polarity: Cathode line denotes the cathode end

Marking: T4



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

PARAMETER	SYMBOL	UNIT	Conditions	VALUE
Repetitive peak reverse voltage	V_{RRM}	V		100
Reverse voltage	V_R	V		100
Non-repetitive Peak forward surge current	I_{FSM}	A	Pulse width=1 us Pulse width=1 s	2 0.5
Repetitive peak forward current	I_{FRM}	mA		300
Average forward current	I_{FAV}	mA		150
Power dissipation	P_D	mW		100
Junction temperature	T_j			-55 ~+150
Storage temperature range	T_{stg}			-55 ~+150

Ordering Information (Example)

PREFERED P/N	UNIT WEIGHT(mg)	MINIIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
1N4148WL2	Approximate 0.9	10K	100K	400K	Tape & Reel

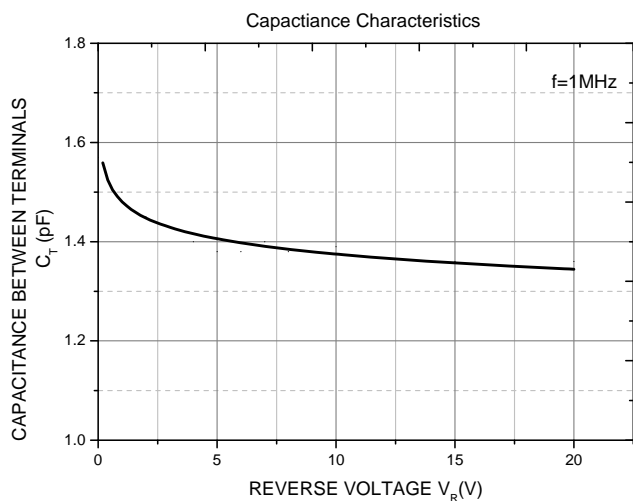
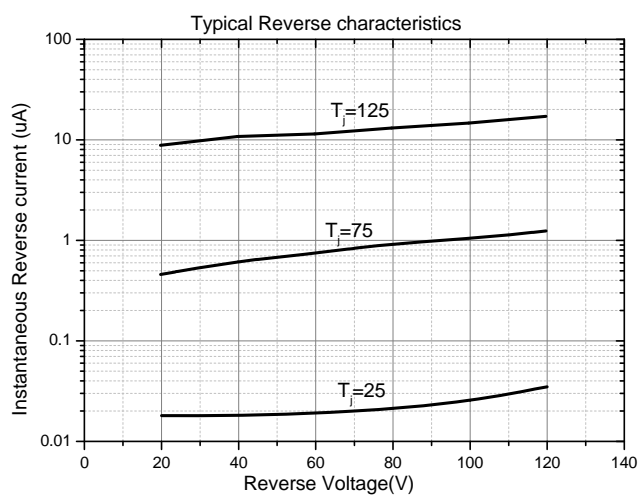
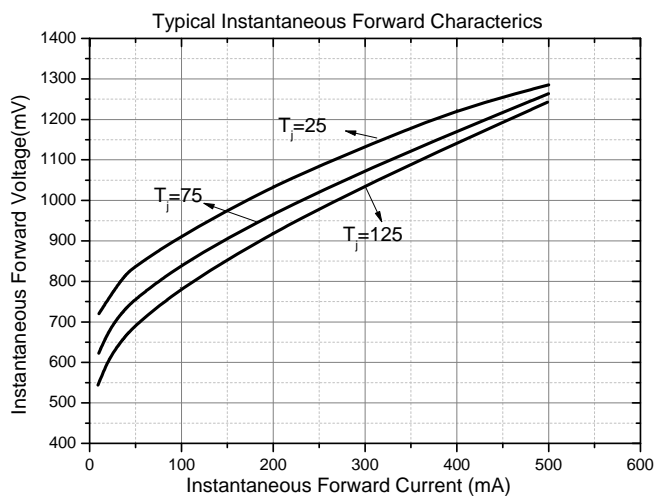
1N4148WL2



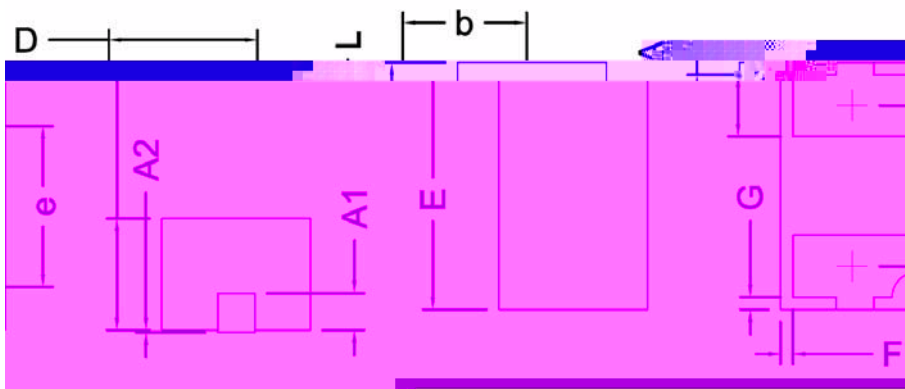
1N4148WL2

RoHS
COMPLIANT

Characteristics (Typical)

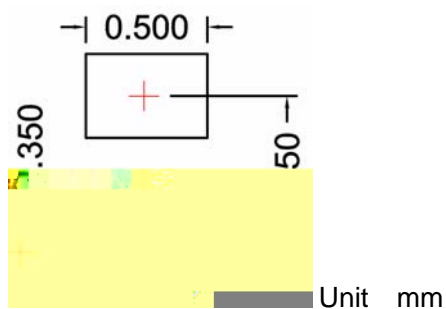


Outline Dimensions



	MIN	NOM	MAX	SYMBOL
	0.50	0.60	0.70	D
	0.90	1.00	1.10	F
	0.85	0.95	0.55	A1
		0.15 BSC		A2
	0.005		0.10	F
	0.005			G
	0.15	0.25	0.35	L
b	0.41	0.50	0.59	
e		0.65 BSC		

Soldering Footprint





Disclaimer

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