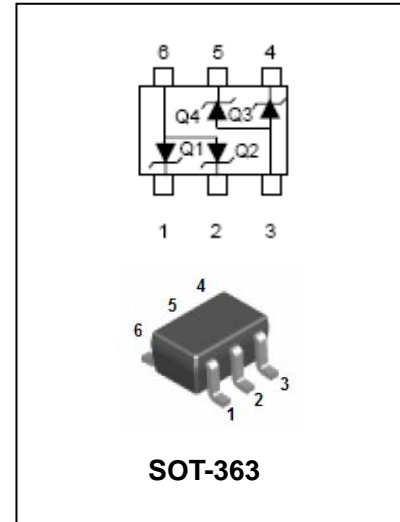


Diodes for Protecting against ESD

DF6A6.8FU

FEATURES

- The incorporation of four devices in an ultra-Compact package reduces the number of parts And lowers assembly cost.
- The zener voltage corresponds to that of the E24 SERIES.



ORDERING INFORMATION

Type No.	Marking	Package Code
DF6A6.8FU	6.8	SOT-363

MAXIMUM RATING @ Ta=25°C unless otherwise specified

Symbol	Parameter	Value	Unit
P _c	Power Dissipation	200	mW
T _j , T _{stg}	Junction and Storage Temperature	-55 to +150	°C

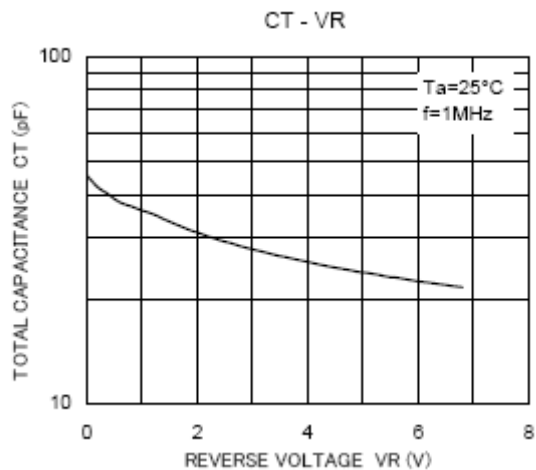
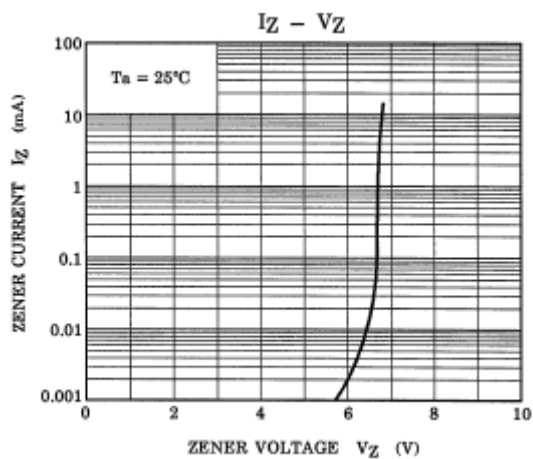
ELECTRICAL CHARACTERISTICS @ Ta=25°C unless otherwise specified

Parameter	Symbol	Test conditions	MIN	Typ	MAX	UNIT
Zener voltage	V _Z	I _Z =5mA	6.4	6.8	7.2	V
Dynamic impedance	Z _Z	I _Z =5mA			25	Ω
Reverse current	I _R	V _R =5V			0.5	uA
Terminal capacitance	C _T	V _R =0, f=1MHz		45		pF

Diodes for Protecting against ESD

DF6A6.8FU

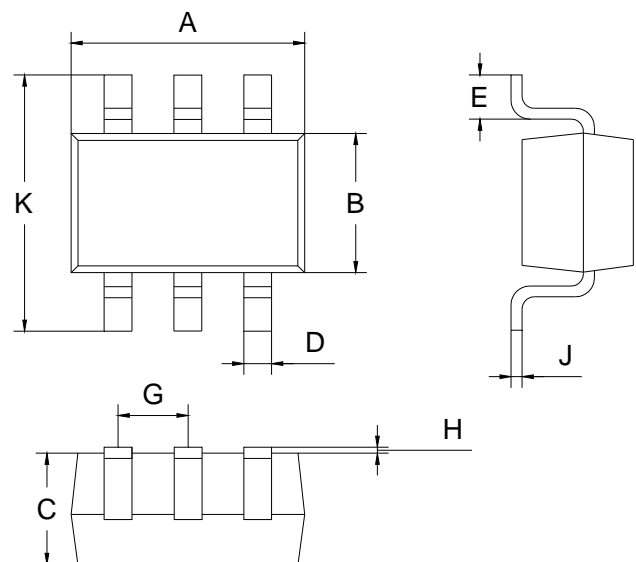
TYPICAL CHARACTERISTICS @ Ta=25°C unless otherwise specified



PACKAGE OUTLINE

Plastic surface mounted package

SOT-363



SOT-363		
Dim	Min	Max
A	2.00	2.20
B	1.15	1.35
C	0.95 Typical	
D	0.25 Typical	
E	0.25	0.40
G	0.60	0.70
H	0.02	0.10
J	0.10 Typical	
K	2.2	2.4
All Dimensions in mm		

