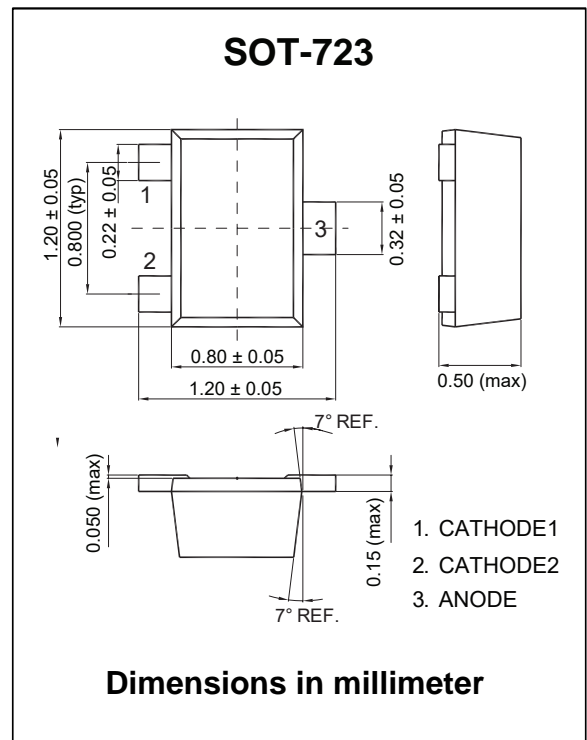
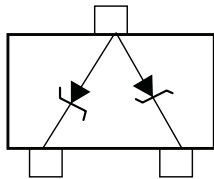


DF3A6.2FVQ

Diodes For Protecting Against ESD

■ Features

- This product is for protection against electrostatic discharge (ESD) only and is not intended for any other usage, including without limitation, the constant voltage diode application.
- Because two devices are mounted on an ultra compact package, it is possible to allow reducing the number of the parts and the mounting cost.
- AEC-Q101 Qualified and PPAP Capable.



■ Absolute Maximum Ratings (TA = 25°C)

Parameter	Symbol	Value	Unit
Power dissipation	P*	150	mW
ESD per IEC 61000-4-2 (Contact discharge)	VESD	±30	kV
Junction temperature	TJ	150	°C
Storage temperature range	TSTG	-55 to +150	

Note: Using continuously under heavy loads (e.g. the application of high temperature/current/voltage and the significant change in temperature, etc.) may cause this product to decrease in the reliability significantly even if the operating conditions (i.e. operating temperature/current/voltage, etc.) are within the absolute maximum ratings.



■ Electrical Characteristics (T_A = 25 °C, unless otherwise specified)

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Zener voltage	V _Z	I _Z = 5 mA	5.8	6.2	6.6	V
Dynamic impedance	Z _Z	I _Z = 5 mA			30	Ω
Reverse current	I _R	V _R = 3 V			1	μA
Terminal capacitance (between Cathode and Anode)	C _T	V _R = 0, f = 1MHz		55		pF

■ Typical Characteristics

