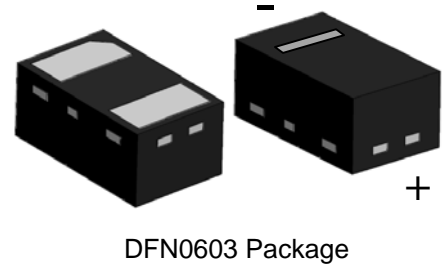


DFN0603 Plastic Package Schottky Barrier Diode

Absolute Maximum Ratings T_A = 25°C unless otherwise noted

Symbol	Parameter	Value	Units
P _D	Power Dissipation	150	mW
T _{STG}	Storage Temperature Range	-55 to +125	°C
T _J	Operating Junction Temperature	+125	°C
V _R	DC Reverse Voltage	30	V
I _{F(AV)}	Average Forward Current	200	mA
I _{FSM}	Peak Forward Surge Current (At 8.3ms single half sine-wave)	0.5	A

These ratings are limiting values above which the serviceability of the diode may be impaired.



Specification Features:

- Low Forward Voltage Drop
- Small Surface Mounting Type
- RoHS Compliant
- Green EMC
- Matte Tin(Sn) Lead Finish
- Band Indicates Cathode
- Weight: approx. 0.001g

DEVICE MARKING CODES:

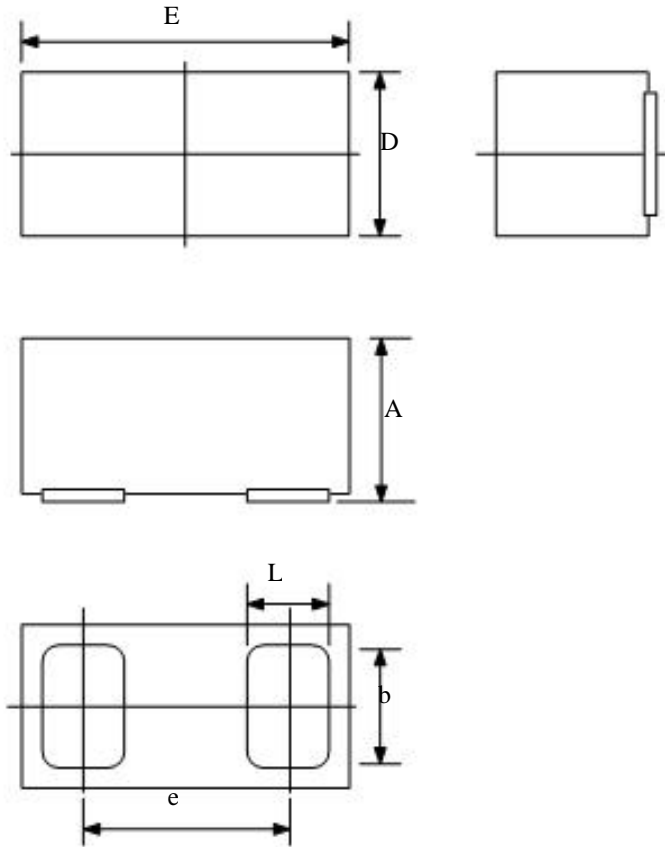
Device Type	Marking	Shipping
PL621ZS	F	10K/REEL

Electrical Characteristics T_A = 25°C unless otherwise noted

Symbol	Parameter	Test Condition	Limits		Unit
			Min	Max	
I _R	Reverse Leakage Current	V _R =10V		30	μA
V _F	Forward Voltage	I _F =10mA		0.35	Volts
		I _F =200mA		0.50	Volts

Package Outline

- DFN0603package
- 2 leads
- MSL-1



Package Dimensions (Controlling dimensions are in millimeters)

Symbol	Dimensions (mm)			Dimensions (Inches)		
	Minimum	Typical	Maximum	Minimum	Typical	Maximum
A	0.280	0.300	0.320	0.011	0.012	0.013
b	0.220	—	0.280	0.009	—	0.011
D	0.275	0.300	0.325	0.011	0.012	0.013
E	0.575	0.600	0.625	0.023	0.024	0.025
e	—	0.380	—	—	0.015	—
L	0.140	—	0.200	0.005	—	0.008

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