



Micro Commercial Components



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DFLZ180
THRU
DFLZ200

1 Watt
Zener Diode
180V - 200V
Volts

Features

- Halogen free available upon request by adding suffix "-HF"
1.0W Power Dissipation
High Surge Capability
Ideally Suited for Automatic Assembly
Standard Vz Tolerance is +/- 5%
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1
Lead Free Finish/Rohs Compliant (Note1) ("P" Suffix designates Compliant. See ordering information)

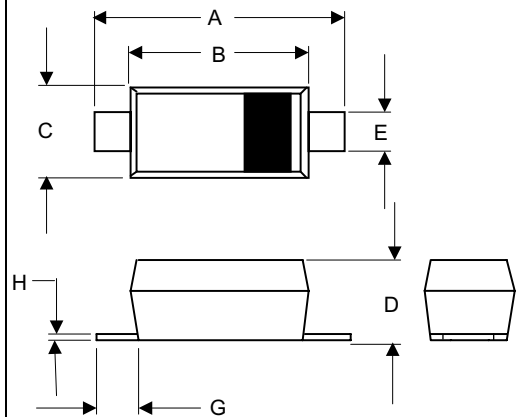
Maximum Ratings

- Storage Temperature Range(Tstg): -55°C to +150°C
Operating Temperature Range(Tj): -55°C to +150°C

Table with 4 columns: Parameter, Symbol, Value, Units. Rows include Zener Current, Power Dissipation, Forward Voltage, Junction to Soldering Point, and Thermal resistance.

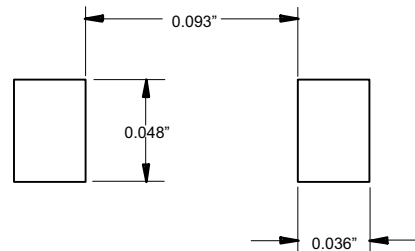
Note :1.High Temperature Solder Exemptions Applied,See EU Directive Annex 7.

SOD-123FL



DIMENSIONS table with columns for DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Rows A through H.

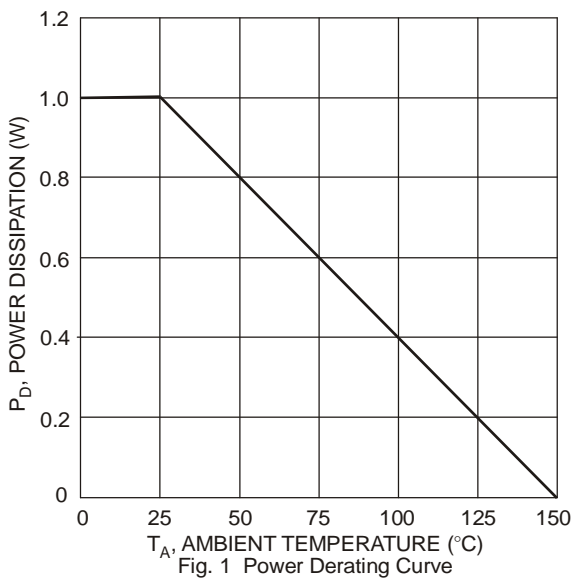
SUGGESTED SOLDER PAD LAYOUT



Electrical Characteristics @ 25°C Unless Otherwise Specified

Part Number	Zener Voltage V_Z Voltages			I_{ZT} (mA)	Differential Resistance r_{dif} @ I_Z		Reverse Current I_R (Max) @ V_R		Typical Temperature Coefficient @ I_{ZT} (%/°C)		Marking
	Nom	Min	Max		Typ (Ω)	Max (Ω)	I_R (μ A)	V_R (V)	Min	Max	
DFLZ180	180	168	191	5	180	400	1	130	0.09	0.13	ZG
DFLZ200	200	188	212	5	200	500	1	150	0.09	0.13	ZH

Notes: 1. Short duration pulse test used to minimize self-heating effect.





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Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 2.5Kpcs/Reel

Note : Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

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