



Micro Commercial Components



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

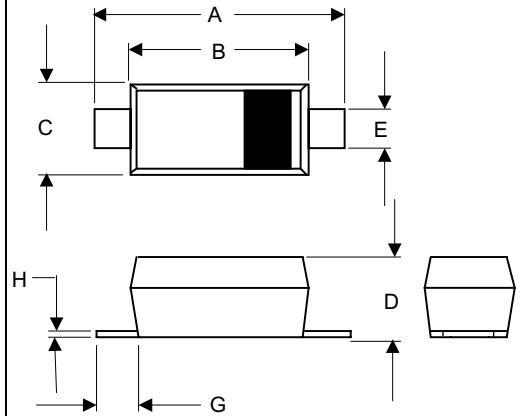
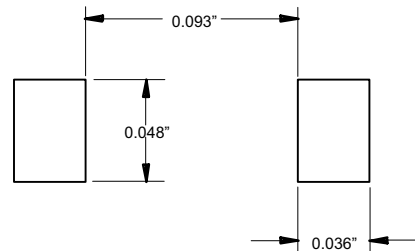


Table titled DIMENSIONS with columns for DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Lists dimensions A through H.

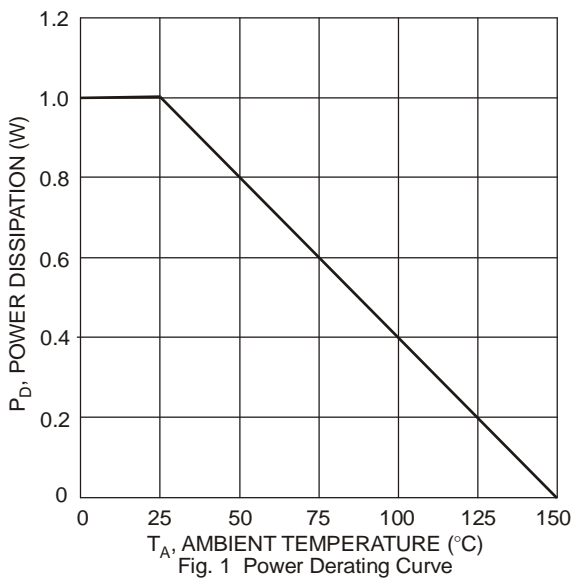
SUGGESTED SOLDER PAD LAYOUT



**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 @ $I_{ZTC}$ (%/°C)		Marking
	Nom	Min	Max		Typ ( $\Omega$ )	Max ( $\Omega$ )	$I_R$ ( $\mu$ 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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