



Features

- Planar Die Construction
- 500mW Power Dissipation
- Ideally Suited for Automated Assembly Processes

Mechanical Data

Case : Molded Glass MINI-MELF
 Terminals : Solderable per MIL-STD-202E, Method 208
 Approx. Weight : 0.008 grams
 Mounting Position : Any
 Voltage : 2.4 to 75 Volts
 Power : 500 mWatts

Maximum Ratings And Electrical Characteristics

Parameter	Symbol	Value	Unit
Power Dissipation at T _{amb} = 25°C	P _{tot}	500	mW
Junction Temperature	T _j	175	°C
Storage Temperature Range	T _{stg}	-65 to +175	°C
Valid provided that leads at a distance of 10mm from case are kept at ambient temperature			
Thermal Resistance Junction to Ambient Air	R _{θJA}	0.3	k/mW (Max.)
Forward Voltage Typ at I _F = 200mA	V _F	1	Volts (Max.)

* Valid Provided that leads are kept at ambient temperature at a distance of 8mm from case

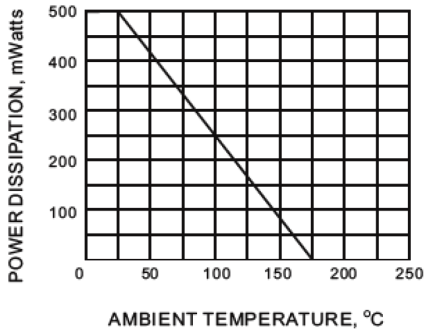
Specification Table

Part Number	Nominal Zener Voltage			Maximum Zener Impedance				Maximum Reverse Current		Marking code
	V _Z @ I _{ZT}			Z _{ZT} @I _{ZT}		Z _{ZK} @I _{ZK}		I _R @V _R		
	Nom(V)	Min(V)	Max(V)	Ω	mA	Ω	mA	μA	V	
DL5232B+	5.6	5.32	5.88	11	20	1600	0.25	5	3	5232
DL5236B+	7.5	7.13	7.88	6	20	500	0.25	3	6	5236
DL5248B+	18	17.1	18.9	21	7	600	0.25	0.1	14	5248

Note:

Standard voltage tolerance is +5%:
 Suffix "B" for + 5%

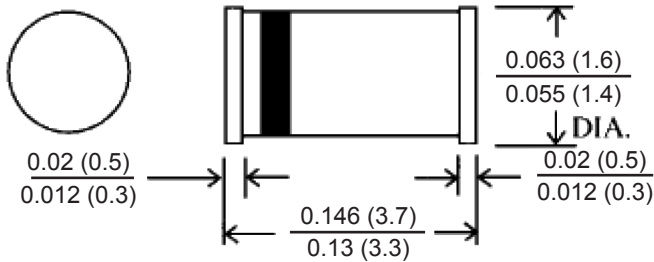
Rating And Characteristic Curves



Power Derating Curve

Dimensions:

MINI MELF(DL-35)



Dimensions : Inches (Millimetres)

Part Number Table

Description	Part Number
Zener - Single 500mW 5.6V DL-35	DL5232B+
Zener - Single 500mW 7.5V DL-35	DL5236B+
Zener - Single 500mW 18V DL-35	DL5248B+

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