



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 $T_{amb} = 25^{\circ}C$	P_{tot}	500	mW
Junction Temperature	T_j	175	$^{\circ}C$
Storage Temperature Range	T_{stg}	-65 to +175	$^{\circ}C$
Valid provided that leads at a distance of 10mm from case are kept at ambient temperature			
Thermal Resistance Junction to Ambient Air	$R_{\theta JA}$	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 _{TT} @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

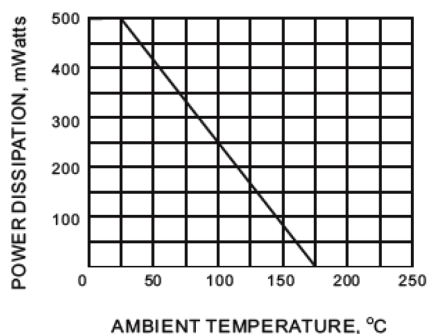
Note:

Standard voltage tolerance is +5%:

Suffix "B" for + 5%

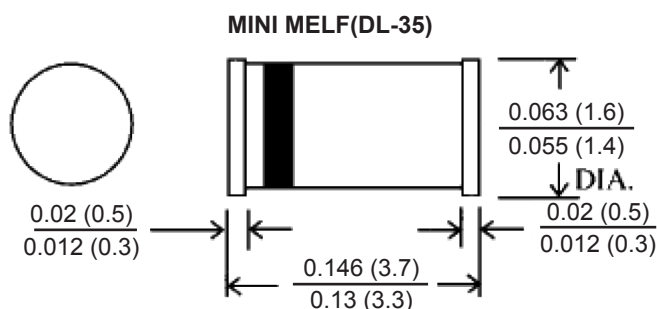
Newark.com/multicomp-pro
 Farnell.com/multicomp-pro
 Element14.com/multicomp-pro

Rating And Characteristic Curves



Power Derating Curve

Dimensions:



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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