

Zener Diodes—1.5 Watt (Z3B series)

Metal Package. Wire Ended

10% Tolerance (Z3B . . . BF Range)

MAXIMUM RATINGS

 $V_F(\text{max}) = 1.2\text{V}$ (at $I_F = 1.3\text{A}$) $I_F(\text{max}) = 1.3\text{A}$

These devices have an all-welded encapsulation with glass-metal hermetic seals.

Available in standard preferred values from 3.3V to 100V with $\pm 10\%$ voltage tolerances.

REFERENCE TABLE

Code	Nominal voltage (V)	Minimum voltage (V)	At I_z Maximum voltage (V)	Maximum slope res. (Ω)	Zener Test Current I_z (mA)	Stock No.
Z3B33BF	3.3	2.90	3.70	33	20	14627X
Z3B36BF	3.6	3.20	4.00	30	20	14628H
Z3B39BF	3.9	3.50	4.40	25	20	14629F
Z3B43BF	4.3	3.80	4.80	22	20	14630R
Z3B47BF	4.7	4.20	5.20	19	20	14631G
Z3B51BF	5.1	4.60	5.70	18	20	14632E
Z3B56BF	5.6	5.00	6.30	18	20	14633C
Z3B62BF	6.2	5.50	6.90	14	20	14634A
Z3B68BF	6.8	6.10	7.60	7	20	14635X
Z3B75BF	7.5	6.70	8.30	4	20	14636H
Z3B82BF	8.2	7.40	9.20	4	20	14637F
Z3B91BF	9.1	8.10	10.10	5	20	14638D
Z3B100BF	10.0	9.00	11.10	6	20	14639B
Z3B110BF	11.0	9.90	12.10	8	20	14640E
Z3B120BF	12.0	10.90	13.10	10	20	14641C
Z3B130BF	13.0	11.90	15.10	11	20	14642A
Z3B150BF	15.0	12.90	16.10	12	20	14643X
Z3B160BF	16.0	14.90	18.10	13	20	14644H
Z3B180BF	18.0	15.90	20.20	14	20	14645F
Z3B200BF	20.0	17.90	22.20	15	20	14646D
Z3B220BF	22.0	19.90	24.20	16	20	14647B
Z3B240BF	24.0	21.90	27.20	19	20	14648X
Z3B270BF	27.0	23.90	30.30	23	20	14649R
Z3B300BF	30.0	26.90	33.30	28	20	14650A
Z3B330BF	33.0	29.70	36.30	33	20	14651X
Z3B360BF	36.0	32.70	39.30	38	20	14652H
Z3B390BF	39.0	35.70	43.50	44	20	14653F
Z3B430BF	43.0	38.70	47.50	51	20	14654D
Z3B470BF	47.0	42.50	51.50	59	20	14655B
Z3B510BF	51.0	46.50	56.50	70	20	14656X
Z3B560BF	56.0	50.50	62.50	82	10	14657R
Z3B620BF	62.0	55.50	68.50	95	10	14658G
Z3B680BF	68.0	61.50	75.50	110	10	14659E
Z3B750BF	75.0	67.50	82.50	125	10	14660H
Z3B820BF	82.0	74.50	91.50	145	10	14661F
Z3B910BF	91.0	81.50	101.00	180	10	14662D
Z3B1000BF	100.0	90.50	111.00	250	10	14663B

All ratings at 25°C.

For all the Z3B series outline drawing No. 40 applies.

PLEASE QUOTE STOCK NO. AND MANUFACTURER'S CODE WHEN ORDERING