

# COMMERCIAL DIODES

*BKC Gold Bonded Germanium Diodes in DO-7 Package*

Military approved parts in BOLD	Peak Inverse Voltage (PIV)	Forward Voltage Drop (V <sub>f</sub> )	I <sub>f</sub>	Reverse Current (I <sub>r</sub> )	V <sub>R</sub>	Reverse Recovery Time (T <sub>r</sub> )
Type	Volts	max. V	mA	max. $\mu$ A	Volts	max. ns
AA117	90	0.18	0.1	280	90	-
AA118	90	1	5	80	90	-
AA121	25	12	1	2	4	-
AA123	18	1	4	1.5	1.8	-
AA130	15	1	4.5	220	15	-
AA143	30	0.5	15	20	20	70
AA144	100	1	5	200	75	-
AA130	30	0.45	10	15	1	350
AA132	30	0.6	30	25	1	50
AA133	12	0.42	10	10	1	12
AA142	50	0.6	50	10	1	40
AA113	8	0.6	10	3	-	-
AA115	100	0.45	10	100	1	350
AA117	75	0.45	10	300	1	350
AA118	40	0.75	200	40	1	-
OA47	25	0.45	10	100	-	70
OA90	30	1.5	10	1000	30	-
OA180	20	0.75	100	20	1	70
1N34A	60	1.0	5	30	30	-
1N55B	180	1.0	5	500	150	-
1N60	50	1.0	5	40	20	-
1N87	22.5	0.3	0.1	30	1.5	-
1N98A	80	1.0	40	100	50	-
1N100A	80	1.0	40	50	50	-
1N270	100	1.0	200	100	50	-
1N276	100	1.0	40	100	50	300
1N277	125	1.0	100	250	50	-
1N278	60	1.0	20	125. @ TA=75°C	50	-
1N527	10	0.3	1	50	10	-
1N695	20	1.0	100	2	10	300. typ.
1N695A	25	0.5	10	2	10	300
1N949	50	0.38	10	10	-	-
1N995	15	0.5	10	10	6	6
1N996	25	0.8	40	15	15	300
1N3466	40	1.0	200	15	30	-
1N3467	15	0.5	20	15	10	2
1N3469	35	1.0	600	15	20	-
1N3666	80	1.0	200	10	20	300
1N3773	25	0.5	15	4	3	40

REFER TO PAGE 11 FOR ELECTRICAL CURVES

Average power dissipation = 80 mW  
 Operating temperature = -65°C to 85°C  
 BKC manufactures over 200 Germanium Devices.  
 For a complete list, contact your sales representative.

## JEDEC DO-7 PACKAGE

in  
mm

