

TYPE NUMBER	BR1005	BR101	BR102	BR104	BR106	BR108	BR1010	UNITS
Maximum Recurrent Peak Reverse Voltage	50	100	200	400	600	800	1000	V
Maximum RMS Voltage	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current .375"(9.5mm) Lead Length at Tc=50°C								A
Peak Forward Surge Current, 8.3 ms single half sine-wave superimposed on rated load (JEDEC method)								A
Maximum Forward Voltage Drop per Bridge Element at 5.0A D.C.								V
Maximum DC Reverse Current Ta=25°C								μA
at Rated DC Blocking Voltage Ta=100°C								μA
Operating Temperature Range, Tj								°C
Storage Temperature Range, Tstg								°C

RATING AND CHARACTERISTIC CURVES (BR1005 THRU BR1010)

FIG.1-TYPICAL FORWARD CURRENT DERATING CURVE

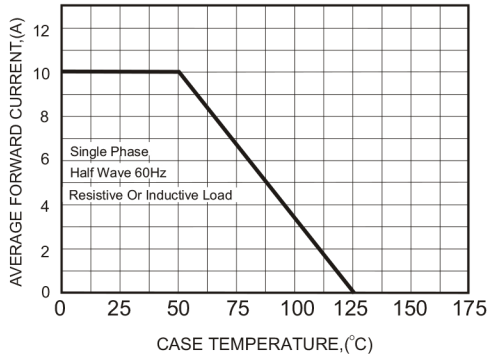


FIG.2-MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

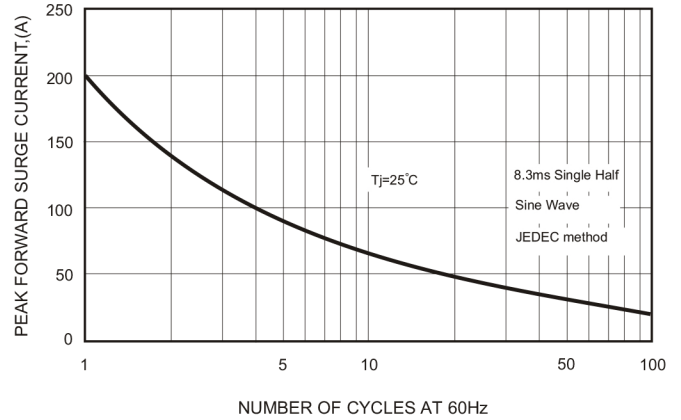


FIG.3-TYPICAL FORWARD CHARACTERISTICS

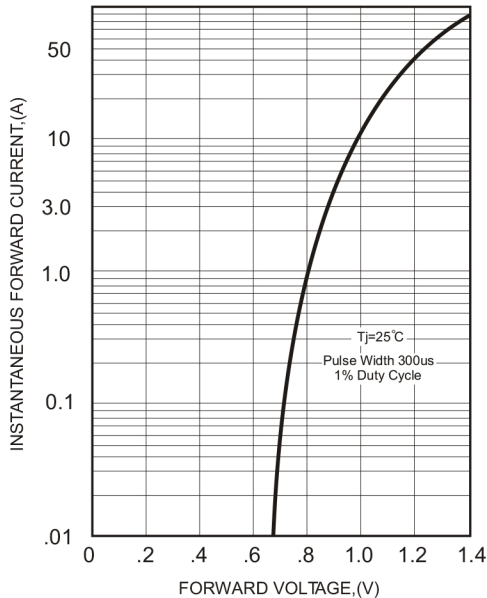


FIG.4-TYPICAL REVERSE CHARACTERISTICS

