

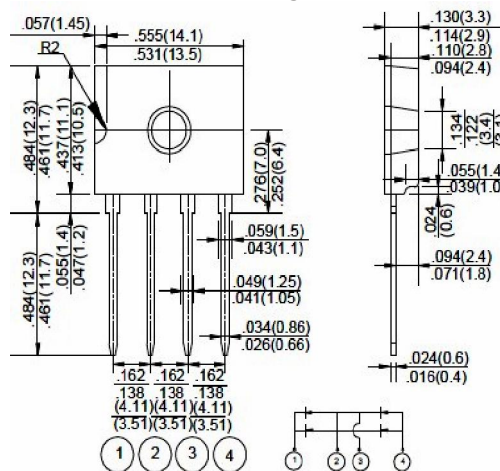
FEATURES

- ## VOLTAGE RANGE

CURRENT

4.0 Ampere

TBU



Dimensions in inches and (millimeters)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

For capacitive load, derate current by 20%.

TYPE NUMBER	T4BU01	T4BU02	T4BU03	T4BU04	T4BU06	T4BU08	T4BU10	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	4.0							A
Peak Forward Surge Current, 8.3 ms single half sine-wave superimposed on rated load (JEDEC method)	150							A
Maximum Forward Voltage Drop per Bridge Element at 4.0A D.C.	1.1							V
Maximum DC Reverse Current Ta=25 °C	2.0							uA
at Rated DC Blocking Voltage Ta=100 °C	500							uA
Operating Temperature Range, Tj	-50 — +150							°C
Storage Temperature Range, TSTG	-50 — +150							°C

RATING AND CHARACTERISTIC CURVES (T4BU01 THRU T4BU10)

FIG.1-TYPICAL FORWARD CURRENT DERATING CURVE

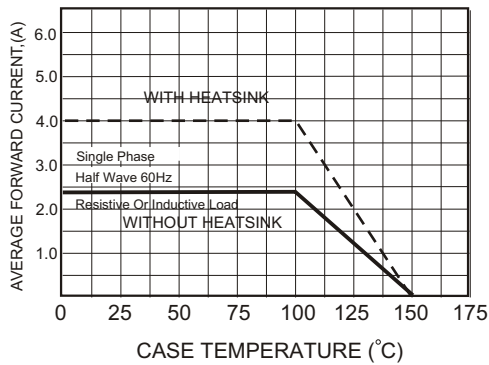


FIG.2-MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

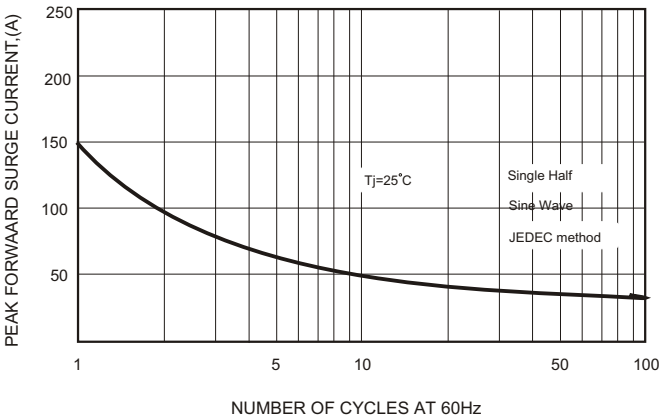


FIG.3-TYPICAL FORWARD CHARACTERISTICS

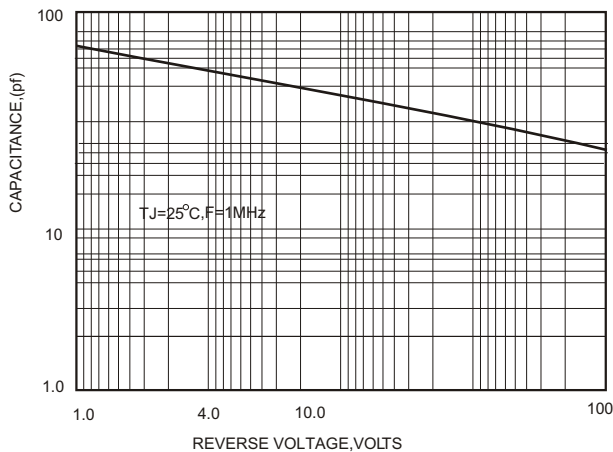


FIG.4-TYPICAL REVERSE CHARACTERISTICS

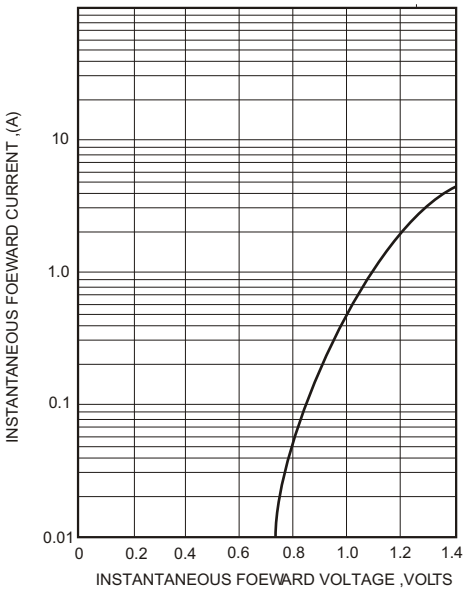


FIG.5-TYPICAL REVERSE CHARACTERISTICS

