FIG.1-DERATING CURVE FOR OUTPUT RECTIFIER CURRENT

HEAT-SINK MOUNTED
3.0*0.06" THK
(7.5mm*0.15mm)
COPPER PLATE

AVERAGE FORWARD CURRENT, AMPERES vs TEMPERATURE, °C

FIG.2-MAXIMUM NON-REPETITIVE PEAK FORWARD SURGE CURRENT

SINGLE SINE-WAVE
(JEDEC Method)
$T_J=25°C$

PEAK FORWARD SURGE CURRENT, AMPERES vs NUMBER OF CYCLES AT 60 Hz

FIG.3-TYPICAL REVERSE LEAKAGE CHARACTERISTICS PER BRIDGE ELEMENT

$T_J=125°C$

$T_J=25°C$

INSTANTANEOUS REVERSE CURRENT, MICROAMPERES vs PERCENT OF RATED PEAK REVERSE VOLTAGE, %

FIG.4-TYPICAL FORWARD CHARACTERISTICS PER BRIDGE ELEMENT

$T_J=25°C$
Pulse Width=300 μs
1% Duty Cycle

INSTANTANEOUS FORWARD CURRENT, AMPERES vs INSTANTANEOUS FORWARD VOLTAGE, VOLTS

FIG.5-TYPICAL JUNCTION CAPACITANCE PER BRIDGE ELEMENT

$T_J=25°C$
f=1.0 MHz
Vsig=50m Vp-p

JUNCTION CAPACITANCE, pF vs REVERSE VOLTAGE, VOLTS

Package dimensions and terminal configuration

Product is marked with part number and terminal configuration.

KBL

.770(19.5)
.730(18.5)

.645(16.3)
.600(15.2)

.580(14.7)
.540(13.7)

+   AC   -

.052(1.32)
.048(1.22)

.750 MIN.
(19.0)

.200(5.08)
TYP

.210(5.33)
.190(4.83)

.085(2.16)
.081(2.06)

.265(6.7)
.235(5.9)
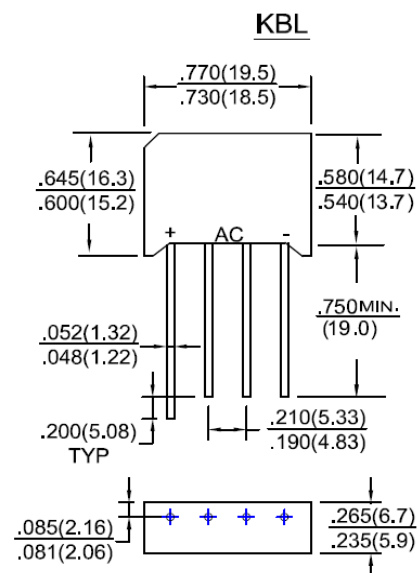
Dimensions in inches and (millimeters)