W005 THRU W10

SINGLE PHASE 1.0AMPBRIDGE RECTIFIERS



VOLTAGE RANGE

50to1000Volts

CURRENT

1.0Ampere

FEATURES

*Idealforprintedcircuitboard

*Lowforwardvoltage

*Lowleakagecurrent

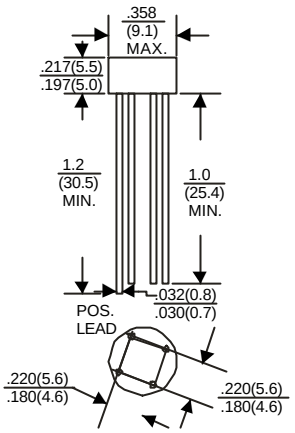
*Polarity:markedonbody

*Mountingposition:Any

*Weight:1.20grams

*BothnormalandPbfreeproductareavailable:
*Normal:80~95%Sn,5~20%Pb
*Pbfree:99SnabovecanmeetRohsenviromentsubstance directiverequest

WOM



Dimensions ininchesand(millimeters)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating25℃ambienttemperatureuniessotherwiesspecified.
Singlephasehalfwave,60Hz,resistiveorinductiveload.
Forcapacitiveload,deratecurrentby20%.

TYPE NUMBER	W005	W01	W02	W04	W06	W08	W10	UNITS
MaximumRecurrentPeakReverseVoltage	50	100	200	400	600	800	1000	V
MaximumRMSVoltage	35	70	140	280	420	560	700	V
MaximumDCBlockingVoltage	50	100	200	400	600	800	1000	V
MaximumAverageForwardRectifiedCurrent .375"(9.5mm)LeadLengthatTa=25℃	1.0							A
PeakForward SurgeCurrent,8.3mssinglehalfsine-wave superimposedonratedload(JEDECmethod)	35							A
MaximumForwardVoltageDropperBridgeElementat1.0AD.C.	1.0							V
MaximumDCReverseCurrent Ta=25℃	10							μA
atRatedDCBlockingVoltage Ta=100℃	500							μA
OperatingTemperatureRange,Tj	-65—+125							℃
StorageTemperatureRange,TSTG	-65 —+150							℃

RATING ANDCHARACTERISTICCURVES(W005THRUW10)

FIG.1-TYPICALFORWARD CURRENT DERATINGCURVE

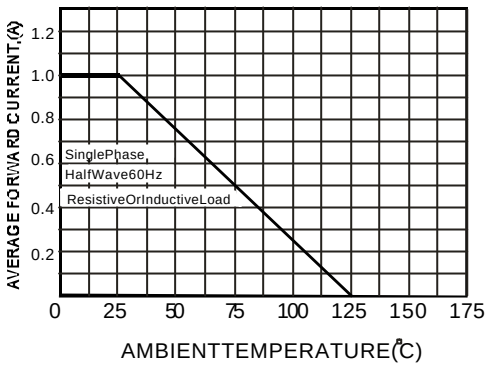


FIG.2-MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

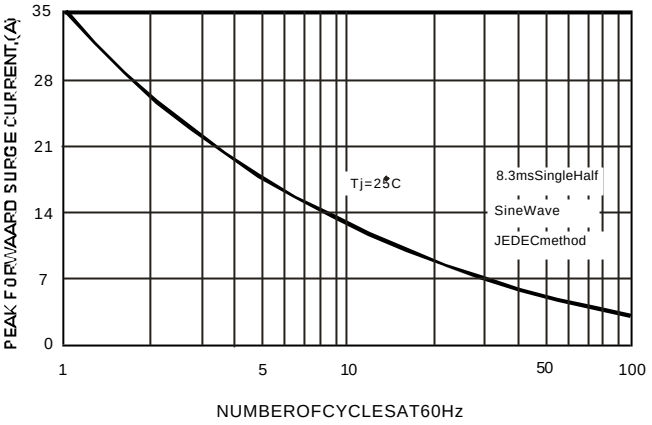


FIG.3-TYPICALFORWARD CHARACTERISTICS

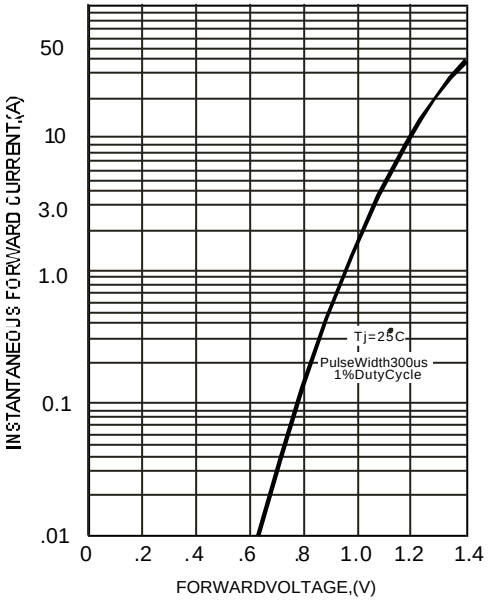


FIG.4-TYPICALREVERSE CHARACTERISTICS

