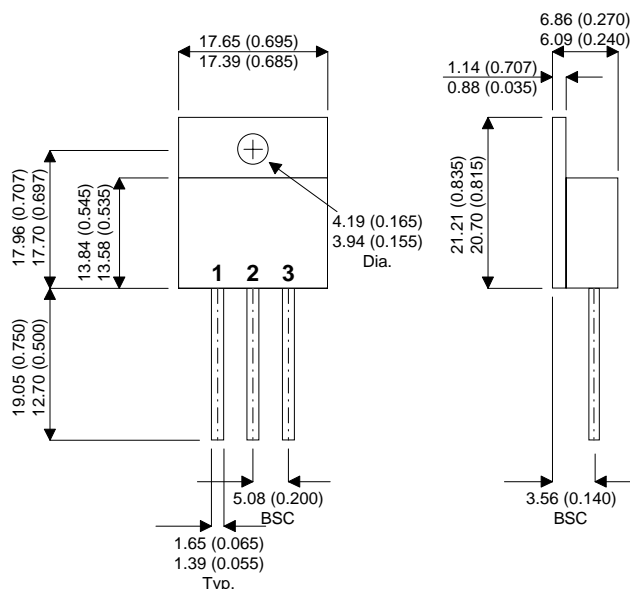


**MECHANICAL DATA**

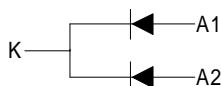
Dimensions in mm



**DUAL SCHOTTKY  
BARRIER RECTIFIER  
IN A TO-258  
HERMETICALLY  
SEALED PACKAGE  
FOR HI-REL APPLICATIONS**

**TO-258 METAL PACKAGE**

Pin 1 – Anode 1    Pin 2 – Cathode    Pin 3 – Anode 2



<b>ABSOLUTE MAXIMUM RATINGS</b> ( $T_{case} = 25^{\circ}C$ unless otherwise stated)		SB60-60	SB60-100
$V_{RRM}$	Peak Repetitive Reverse Voltage	60V	100V
$V_{RSM}$	Crest Working Reverse Voltage	60V	100V
$I_O$	Output Current	60A	
$I_{FSM}$	Non Repetitive Peak Forward Current	200A	
$T_{STG}$	Storage Temperature Range	-55 to +150°C	
$T_J$	Maximum Operating Junction Temperature	150°C	

**ELECTRICAL CHARACTERISTICS** (Per Diode)

Parameter	Test Conditions	Min.	Typ.	Max.	Unit
$V_F$ Forward Voltage	$I_F = 60A$ $T_J = 25^{\circ}C$		0.9	1.2	V
	$I_F = 60A$ $T_J = 125^{\circ}C$		0.7	1.0	
$I_R$ Reverse Current	$V_R = V_{RRM}$ $T_J = 25^{\circ}C$			1.5	mA
	$V_R = V_{RRM}$ $T_J = 125^{\circ}C$			20	
$C_d$ Junction Capacitance	$V_R = 5V$ $f = 1MHz$		1400		pF