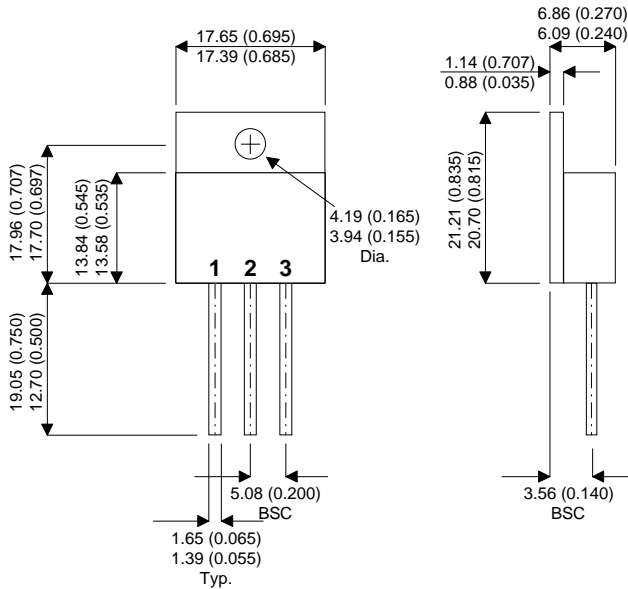


MECHANICAL DATA

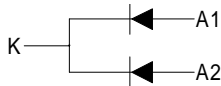
Dimensions in mm



**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



ABSOLUTE MAXIMUM RATINGS ($T_{case} = 25^{\circ}C$ 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	$I_F = 60A$ $T_J = 25^{\circ}C$		0.9	1.2	V
	$I_F = 60A$ $T_J = 125^{\circ}C$		0.7	1.0	
I_R	$V_R = V_{RRM}$ $T_J = 25^{\circ}C$			1.5	mA
	$V_R = V_{RRM}$ $T_J = 125^{\circ}C$			20	
C_d	$V_R = 5V$ $f = 1MHz$		1400		pF