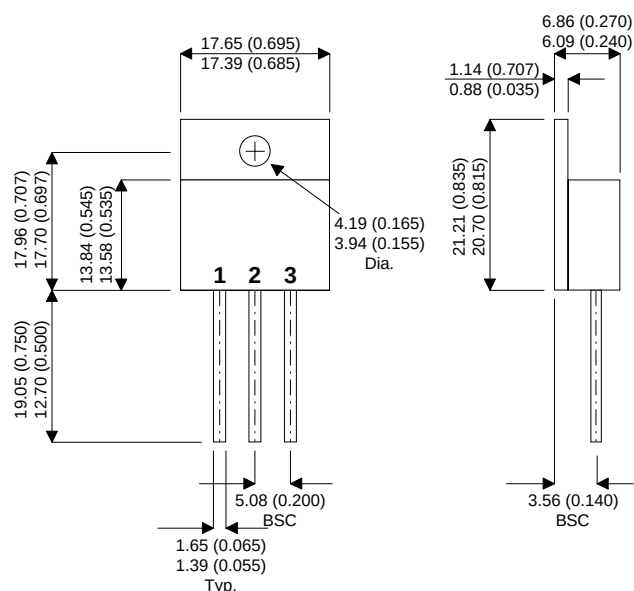


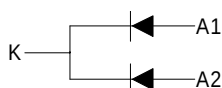
MECHANICAL DATA

Dimensions in mm



TO-258 METAL PACKAGE

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



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

ABSOLUTE MAXIMUM RATINGS (T _{case} = 25°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°C		0.9	1.2	V
		I _F = 60A	T _J = 125°C		0.7	1.0	
I _R	Reverse Current	V _R = V _{RRM}	T _J = 25°C			1.5	mA
		V _R = V _{RRM}	T _J = 125°C			20	
C _d	Junction Capacitance	V _R = 5 V	f = 1 MHz		1400		pF