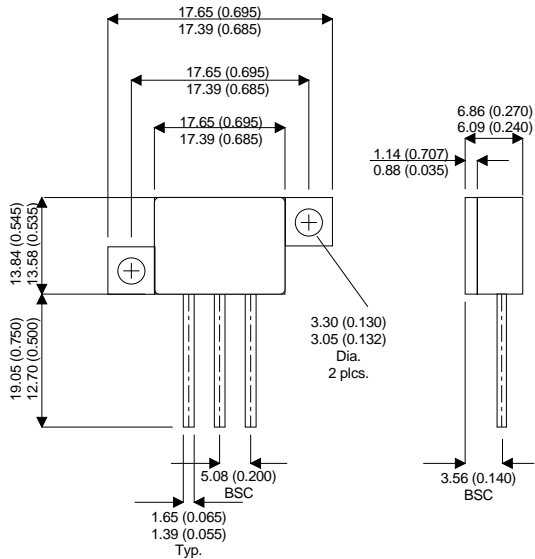


**MECHANICAL DATA**

Dimensions in mm



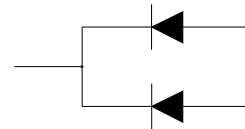
**TO-259 METAL PACKAGE**

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

**DUAL FAST RECOVERY RECTIFIER IN A TO259 HERMETIC PACKAGE**

**FEATURES**

- $V_R = 400V$
- $I_O = 12A$
- $t_{rr} = 200nS$



<b>ABSOLUTE MAXIMUM RATINGS</b> (per diode))		
$V_R$	Rated DC Blocking Voltage	400V
$V_{RM}$	Peak Reverse Voltage	400V
$I_O$	Average Forward Current	12A
	Surge Current ( $\frac{1}{2}$ cycle 60Hz)	150A
	Surge Current (10 cycles 60Hz)	70A
$T_j$	Operating Temperature	- 55°C to 50°C
$T_j$	Storage Temperature	- 65°C to 200°C

**ELECTRICAL CHARACTERISTICS** (Per Diode)

Parameter	Test Conditions	Min.	Typ.	Max.	Unit
$V_F$	Forward Voltage	$I_O = 12A$		1.4	V
$I_R$	Reverse Current	$V_R = 400V$	$T_C = 25^\circ C$	25	$\mu A$
			$T_C = 100^\circ C$	3	mA

**SWITCHING CHARACTERISTICS** (Per Diode)

Parameter	Min.	Typ.	Max.	Unit
$T_R$	Recovery Time		200	nS
$I_{RM}$	Reverse Current		2	A