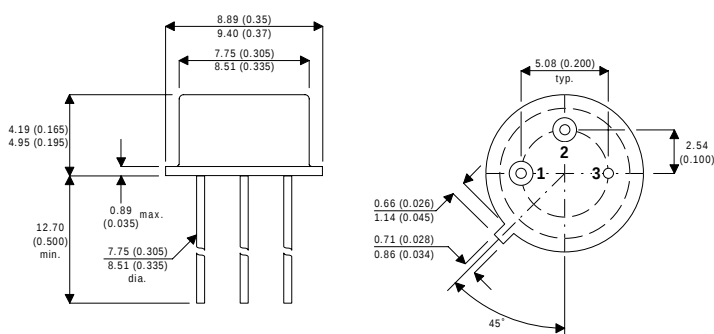


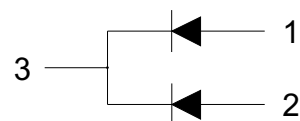
MECHANICAL DATA

Dimensions in mm



TO39 PACKAGE

1 = Anode1 2 = Anode 2 3 = Cathode 1, Cathode 2



DUAL COMMON CATHODE SCHOTTKY BARRIER RECTIFIER IN A LOW PROFILE HERMETIC TO39 PACKAGE

FEATURES

- Hermetic Low Profile TO39
- $V_{RRM} = 150V$
- $I_{AV} = 6A$
- Low Forward Voltage
- Fast Reverse Recovery Time
- Screening Options Available

ABSOLUTE MAXIMUM RATINGS ($T_{case} = 25^{\circ}C$ unless otherwise stated)

V_{RRM}	Maximum Repetitive Peak Reverse Voltage	150V
V_{RMS}	Maximum RMS Voltage	105V
V_{dc}	Maximum DC Blocking Voltage	150V
V_{pk}	Minimum Reverse Breakdown Voltage	160V
I_{AV}	Maximum Average DC Output Current ($75^{\circ}C$)	6A
I_{FSM}	Non Repetitive Forward Surge Current (8.3ms)	125A
T_{stg}	Storage Temperature Range	- 55 to $+175^{\circ}C$
T_j	Maximum Operating Junction Temperature	- 65 to $+150^{\circ}C$
$R_{\theta JC}$	Thermal Resistance (Junction-Case)	TBA

ELECTRICAL CHARACTERISTICS

Parameter	Test Conditions	Min.	Typ.	Max.	Unit
V_F	Forward Voltage			1.0	V
I_R	Reverse Current			5	μA
				150	
t_{rr}	Maximum Reverse Recovery Time			30	ns
t_f	Forward Recovery Time		15		ns
C_j	Typical Junction Capacitance		45		pF