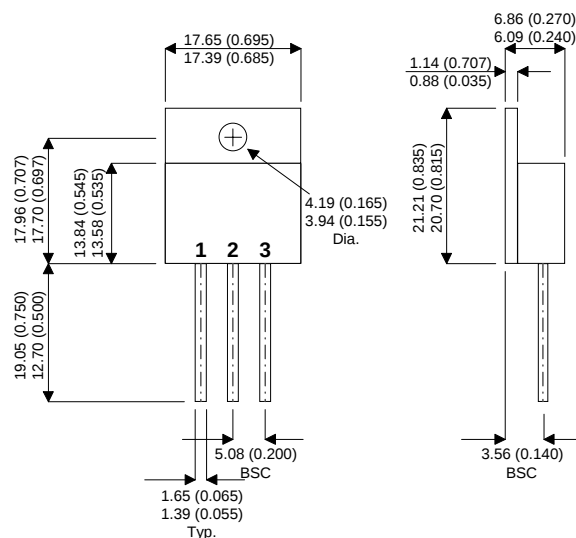


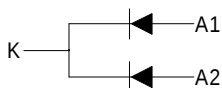
MECHANICAL DATA

Dimensions in mm



TO-258 METAL PACKAGE

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



DUAL SCHOTTKY BARRIER DIODE IN A HERMETIC TO258 PACKAGE

FEATURE

- 25A, 45V
- Dual Common Cathode Configuration
- Low V_F
- Low switching Losses

ABSOLUTE MAXIMUM RATINGS (per diode))		DSS25D-0045-T258
I _{FRMS}	RMS Forward Current (T _J = T _{VJM})	35A
I _{FAV}	Average Forward Current	25A
I _{FSM}	Maximum Surge Forward Current t _p = 10ms, 50Hz	550A
I _{AR}	Reptetive Avalande Current V _A = 1.5 V _{RRM} , f = 10KHz	1.8A
T _{STG}	Storage Temperature	150°C
T _J	Junction Temperature	– 55 to +150°C
P _{TOT}	Total Power Dissipation	TBA.

ELECTRICAL CHARACTERISTICS (Per Diode)

Parameter		Test Conditions		Min.	Typ.	Max.	Unit
V _F	Forward Voltage	I _F = 25A	T _J = 125°C			0.65	V
		I _F = 25A	T _J = 25°C			0.75	
		I _F = 50A	T _J = 125°C			0.80	
I _R	Reverse Current	V _R = 45V	T _J = 25°C			0.5	mA
		V _R = 45V	T _J = 125°C			10	

THERMAL DATA

R _{THj-case}	Thermal Resistance Junction – Case	TBA
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* Pulse Test: Pulse Duration = 300 μ s , Duty Cycle $\leq$ 2%

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