

SILICON RECTIFIER

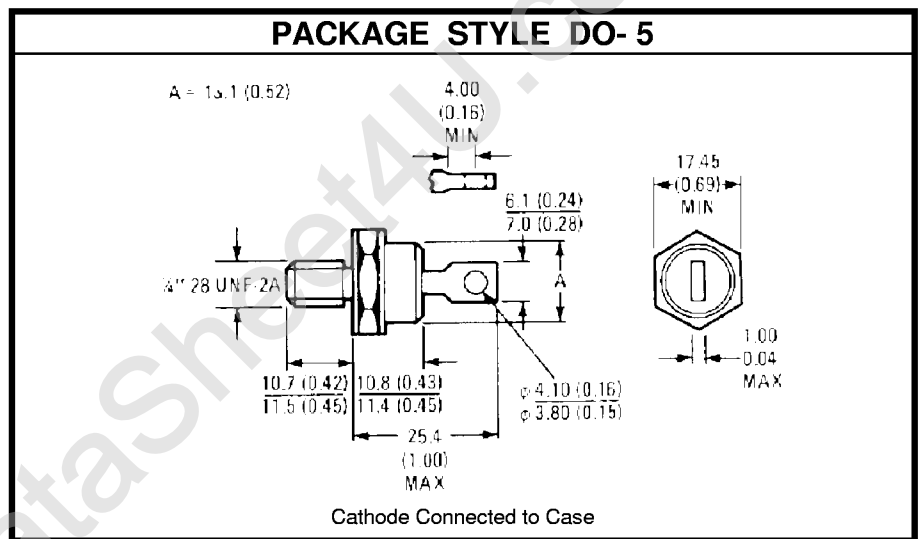
DESCRIPTION:

The **1N1198/R** is a Power Rectifier for General Purpose Power Supply Applications.

- **1N1198** = Anode to Stud
- **1N1198R** = Cathode to Stud

MAXIMUM RATINGS

I_o	18 A (AVG) @ $T_c = 150^\circ\text{C}$
V_{RWM}	600 V
T_j	-65°C to $+175^\circ\text{C}$
T_{STG}	-65°C to $+175^\circ\text{C}$
θ_{JC}	1.5°C/W



CHARACTERISTICS $T_C = 25^\circ\text{C}$

SYMBOL	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
I_R	$V_R = 600\text{ V}$ $T_c = 190^\circ\text{C}$			1.0 5.0	mA
V_F	$I_F = 18\text{ A}$			1.8	V
I_{FSM}	ONE CYCLE @ 60Hz			220	A