

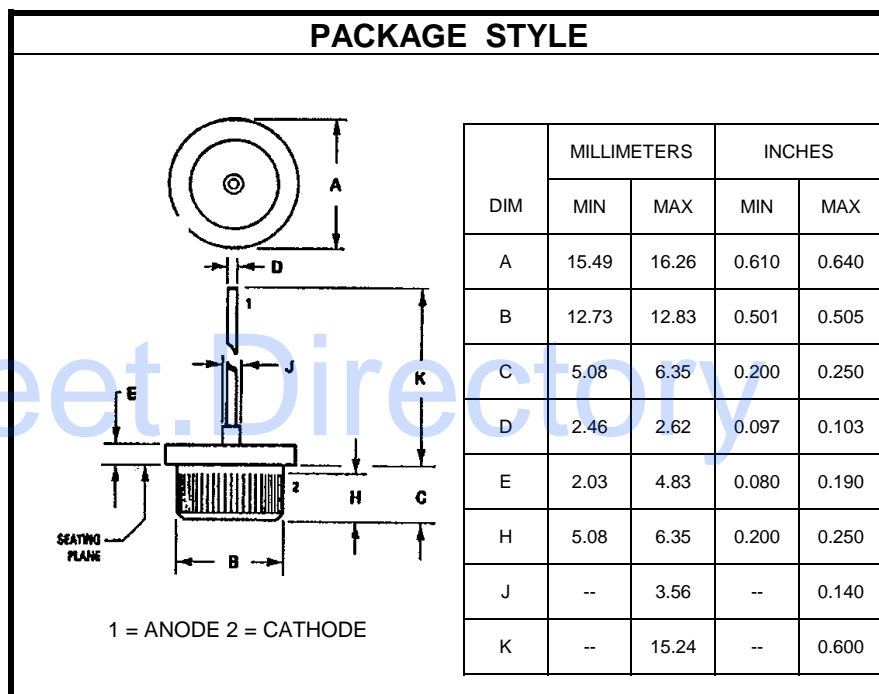
SILICON PRESSFIT RECTIFIER

DESCRIPTION:

The **ASI MR5040** is designed for all medium current applications or for higher current industrial alternators and chasis mounted power supply rectifiers.

MAXIMUM RATINGS

V_{RRM}	400 V
V_{RSM}	450 V
$V_{R(RMS)}$	280 V
I_O	50 A
I_{FSM}	600 A
T_J	-65 °C to +195 °C
T_{STG}	-65 °C to +195 °C
θ_{JC}	0.8 °C/W


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

SYMBOL	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
I_R	$V_R = 600\text{ V}$ $T_C = 150^\circ\text{C}$		0.05 1.0	0.2 2.0	mA
V_F	$I_F = 50\text{ A}$ $I_F = 157\text{ A}$		0.95 1.10	1.0 1.18	V