

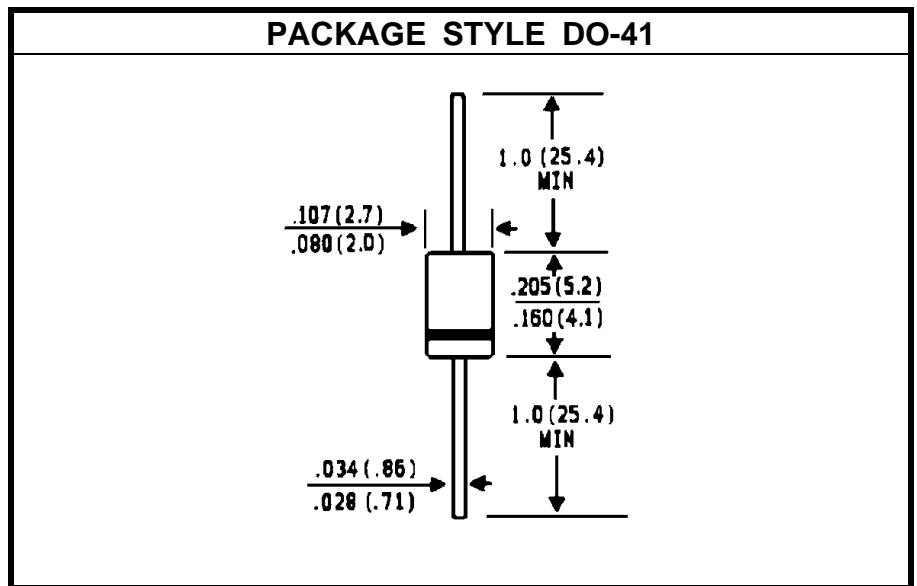
SCHOTTKY RECTIFIER

DESCRIPTION:

The **VSK120** is a General Purpose Schottky Rectifier Designed for use in Standard, and Switching Power Supply Applications. Cathode Indicated by Polarity Band.

MAXIMUM RATINGS

I(AVG)	1.0 A @ $T_L = 90^\circ\text{C}$
V	20 V
T_J	-65 °C to +150 °C
T_{STG}	-65 °C to +150 °C


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

SYMBOL	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
I_R	$V_R = 20\text{ V}$ $T_L = 100^\circ\text{C}$			1.0 10	mA
V_F	$I_F = 100\text{ mA}$ $I_F = 1.0\text{ A}$ $I_F = 3.0\text{ A}$			0.370 0.550 0.850	V
I_{FSM}	$t = 300\ \mu\text{S}$ (NON REPETITIVE) $t = 8.3\text{ mS}$ 1/2 CYCLE (NON REPETITIVE)			100 40	A
C_J	$V_R = 4.0\text{ V}$ $f = 1.0\text{ MHz}$		110		pF