

G105 ~ G270

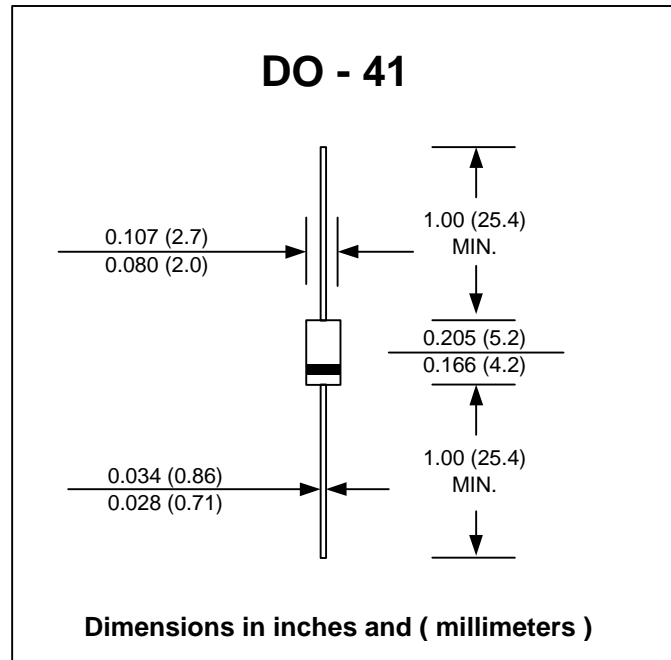
SIDACs

$I_{T(RSM)} = 1.0$ Amperes

$V_{BO} = 95$ thru 280 Volts

MECHANICAL DATA :

- * Case : DO-41 Molded plastic
- * Epoxy : UL94V-O rate flame retardant
- * Lead : Axial lead solderable per MIL-STD-202, Method 208 guaranteed
- * Polarity : Color band denotes cathode end
- * Mounting position : Any
- * Weight : 0.339 gram
- * Pb / RoHS Free



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating at 25 °C ambient temperature unless otherwise specified.

RATING	SYMBOL	G105	G120	G130	G220	G240	G260	G270	UNIT
Maximum Repetitive Peak Off-State Voltage	V_{DRM}	±90	±90	±90	±180	±180	±180	±180	V
Minimum Breakover Voltage	$V_{BO(Min.)}$	95	110	120	205	220	240	250	V
Maximum Breakover Voltage	$V_{BO(Max.)}$	113	125	135	230	250	270	280	V
Maximum On-State RMS Current	$I_{T(RMS)}$	1.0							A
Maximum Peak Surge (Non-Repetitive) On-State RMS Current one-cycle @ 60Hz	I_{TSM}	20							A
Maximum Repetitive Peak Off-State Current (60 Hz Sine Wave , $V_D = \text{Rated } V_{DRM}$)	I_{DRM}	10							μA
Maximum Dynamic Holding Current	I_{HO}	100							mA
Maximum Breakover Current	I_{BO}	200							μA
Operating Junction Temperature Range	T_J	- 40 to + 125							°C
Storage Temperature Range	T_{STG}	- 40 to + 150							°C