

ET013 - ET020

PNPN SWITCHES

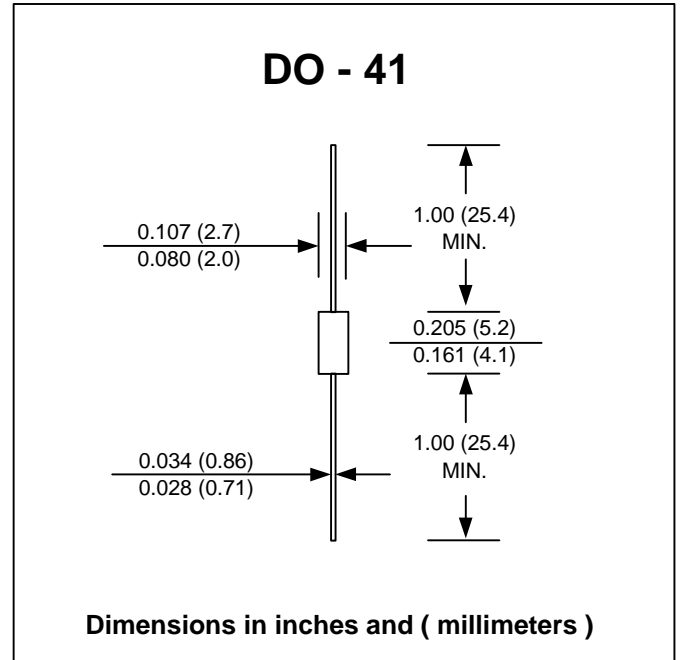
SIDACs

0.6 Amperes

120 thru 210 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	ET013	ET015	ET020	UNIT
Maximum Repetitive Peak Off-State Voltage	V_{DRM}	±90	±115	±170	V
Minimum Breakover Voltage	$V_{BO(Min.)}$	120	142	190	V
Maximum Breakover Voltage	$V_{BO(Max.)}$	138	157	200	V
Maximum On-State RMS Current	$I_{T(RMS)}$	0.6			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	TJ	- 40 to + 125			°C
Storage Temperature Range	TSTG	- 40 to + 150			°C