UGZ10DTH THRU UGZ10JTH

ULTRAFAST EFFICIENT RECTIFIERS

Reverse Voltage - 200 to 600 Volts *Forward Current - 10 Amperes*

FEATURES

MECHANICAL DATA

Case : JEDEC TO-220AC molded plastic body
Terminals : Plated Leads, solderable per MIL-STD-750, Method 2026
Polarity : Molded on body
Mounting Position : Any
Weight : 2.24 grams(Approximately)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25 °C ambient temperature unless otherwise specified.	*SYMBOLS*	***UGZ10DTH***	***UGZ10GTH***	***UGZ10JTH***	*UNITS*
Maximum repetitive peak reverse voltage	V_{RRM}	200	400	600	Volts
Working peak reverse voltage	V_{RWM}	200	400	600	
Maximum RMS voltage	V_{RMS}	140	280	420	
Maximum DC blocking voltage	V_{DC}	200	400	600	
Maximum average forward rectified current See Fig. 1	$I_{(AV)}$	10			Amps
Peak forward surge current 8.3ms single half sine-wave superimposed on rated load (JEDEC Method)	I_{FSM}	150			Amps
Maximum DC reverse current at rated DC blocking voltage @T_A=25	I_R				