

UGZ10DT THRU UGZ10JT 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

<i>Ratings at 25 °C ambient temperature unless otherwise specified.</i>	SYMBOLS	<i>UGZ10DT</i>	<i>UGZ10GT</i>	<i>UGZ10JT</i>	UNITS
Maximum repetitive peak reverse voltage	VRRM	200	400	600	Volts
Working peak reverse voltage	VRWM	200	400	600	
Maximum RMS voltage	VRMS	140	280	420	
Maximum DC blocking voltage	VDC	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)	IFSM	150			Amps
Maximum DC reverse current at rated DC blocking voltage @TA=25	IR				