UGZ10DCT THRU UGZ10JCT

ULTRAFAST EFFICIENT RECTIFIERS

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

FEATURES

MECHANICAL DATA

Case : JEDEC TO-220AB 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*	***UGZ10DCT***	***UGZ10GCT***	***UGZ10JCT***	*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}		125		Amps
Maximum DC reverse current at rated DC blocking voltage @T_A=25	I_R				