

	UGZ20DCTH THRU UGZ20JCTH ULTRAFAST EFFICIENT RECTIFIERS				
	Reverse Voltage - 200 to 600 Volts		Forward Current - 20 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					
<i>Ratings at 25 °C ambient temperature unless otherwise specified.</i>	SYMBOLS	UGZ20DCTH	UGZ20GCTH	UGZ20JCTH	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)	20			Amps
Peak forward surge current 8.3ms single half sine-wave superimposed on rated load (JEDEC Method)	IFSM	150	125		Amps
Maximum DC reverse current at rated DC blocking voltage @TA=25	IR				