

UTX105-UTX125 UTX205-UTX225

High-reliability discrete products and engineering services since 1977

FAST RECOVERY RECTIFIERS

FEATURES

- Available as "HR" (high reliability) screened per MIL-PRF-19500, JANTX level. Add "HR" suffix to base part number.
- Available as non-RoHS (Sn/Pb plating), standard, and as RoHS by adding "-PBF" suffix.

MAXIMUM RATINGS

Characteristic	1 amp series	2 amp series	
Maximum average DC output current			
@ T _A = 25°C	1.0A	2.0A	
@ T _A = 100°C	0.5A	1.0A	
Non-repetitive sinusoidal	204	35.4	
Surge current (8.3ms)	20A	25A	
Operating temperature range	-195 to +175°C		
Storage temperature range	-195 to +200°C		

ELECTRICAL CHARACTERISTICS @ 25°C unless otherwise noted

Part number Peak inv	Peak inverse voltage	Maximum forward	Maximum leakage current @ PIV		Maximum reverse
	Peak inverse voitage	voltage drop	25°C	100°C	recovery time *
UTX205	50V	1.0V @ 1Adc	3µА	50μΑ	75ns
UTX210	100V				
UTX215	150V				
UTX220	200V				
UTX225	250V				
UTX105	50V				
UTX110	100V	1.0V @ 0.5Adc	3µА	50μΑ	75ns
UTX115	150V				
UTX120	200V				
UTX125	250V				

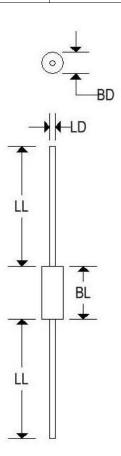
Rev. 20121119



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MECHANICAL CHARACTERISTICS

Case	Digi A
Marking	Body painted, alpha-numeric
Polarity	Cathode band



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	Digi A					
	Inc	Inches		eters		
	Min	Max	Min	Max		
BD	-	0.095		2.413		
BL	15	0.180	-	4.572		
LD	0.028	0.032	0.711	0.813		
LL	0.700	121	17.800	4		

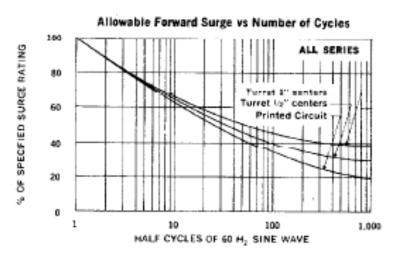


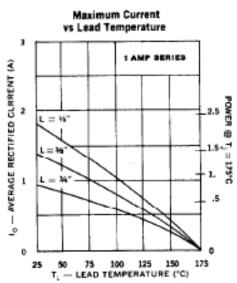
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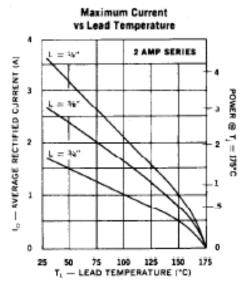
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