



High-reliability discrete products
and engineering services since 1977

UTX105-UTX125 UTX205-UTX225

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 @ T _A = 100°C	1.0A 0.5A	2.0A 1.0A
Non-repetitive sinusoidal 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

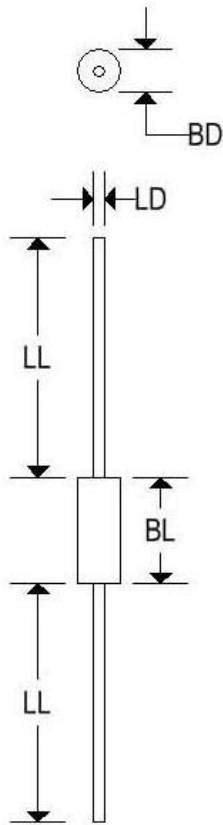
Part number	Peak inverse voltage	Maximum forward voltage drop	Maximum leakage current @ PIV		Maximum reverse recovery time *
			25°C	100°C	
UTX205	50V	1.0V @ 1A _{dc}	3μA	50μA	75ns
UTX210	100V				
UTX215	150V				
UTX220	200V				
UTX225	250V				
UTX105	50V	1.0V @ 0.5A _{dc}	3μA	50μA	75ns
UTX110	100V				
UTX115	150V				
UTX120	200V				
UTX125	250V				

UTX105-UTX125 UTX205-UTX225

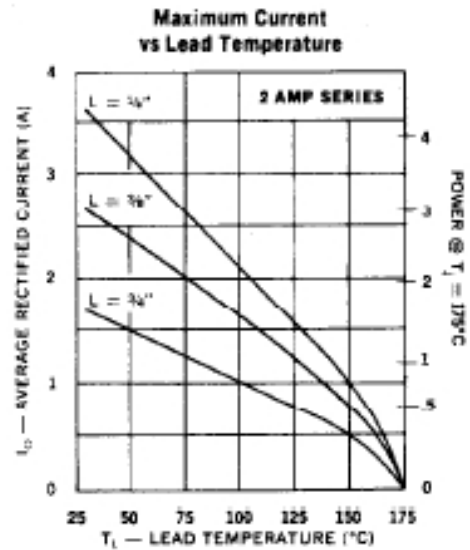
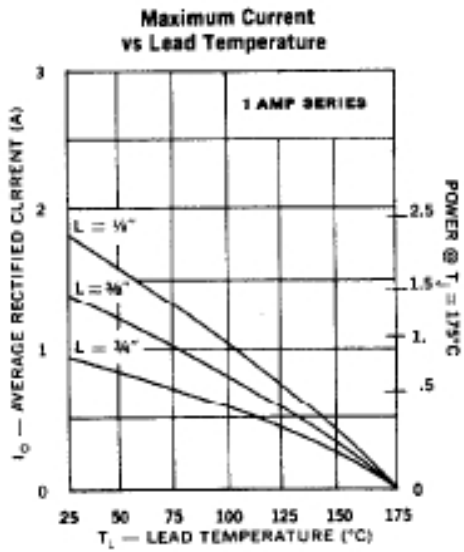
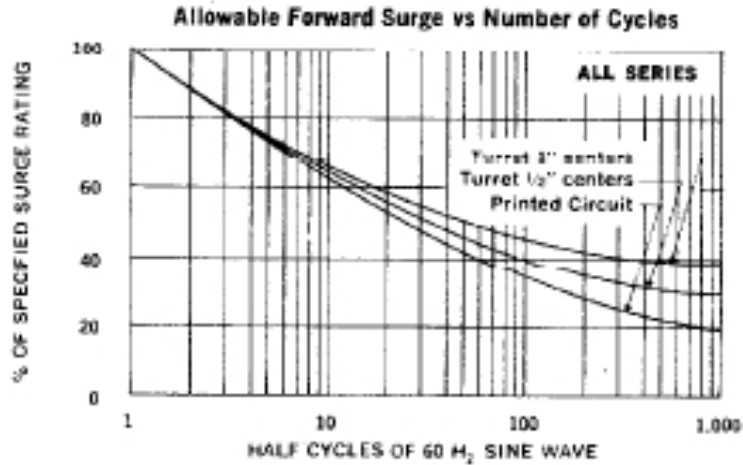
FAST RECOVERY RECTIFIERS

MECHANICAL CHARACTERISTICS

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



	Digi A			
	Inches		Millimeters	
	Min	Max	Min	Max
BD	-	0.095	-	2.413
BL	-	0.180	-	4.572
LD	0.028	0.032	0.711	0.813
LL	0.700	-	17.800	-



UTX105-UTX125 UTX205-UTX225

FAST RECOVERY RECTIFIERS

