

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 @ 1Adc	3μA	50μA	75ns
UTX210	100V				
UTX215	150V				
UTX220	200V				
UTX225	250V				
UTX105	50V	1.0V @ 0.5Adc	3μA	50μA	75ns
UTX110	100V				
UTX115	150V				
UTX120	200V				
UTX125	250V				



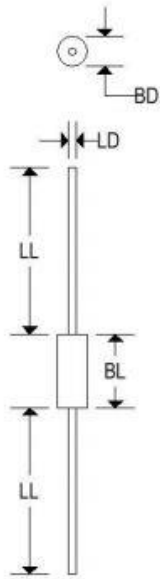
High-reliability discrete products
and engineering services since 1977

UTX105-UTX125 UTX205-UTX225

FAST RECOVERY RECTIFIERS

MECHANICAL CHARACTERISTICS

Case	Digi A
Marking	Alpha-numeric
Polarity	Cathode band

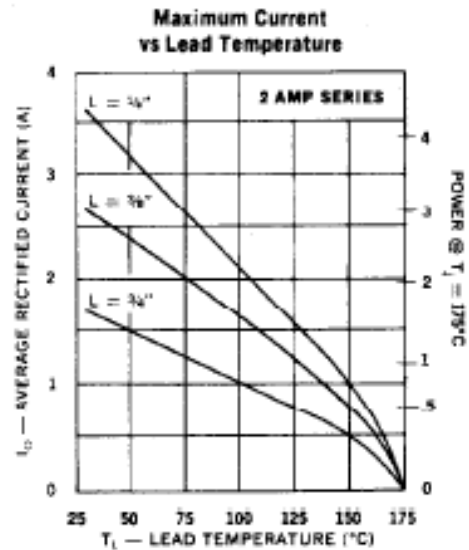
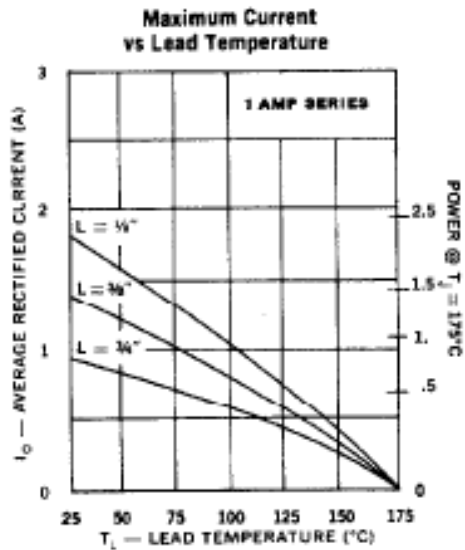
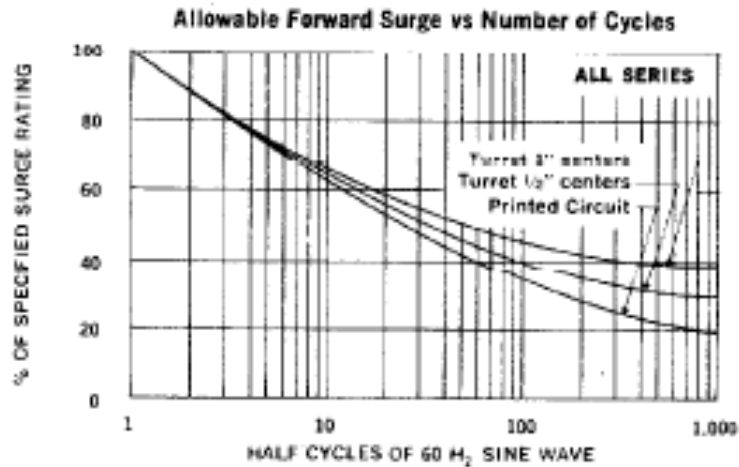


	Digi A			
	Inches		Millimeters	
	Min	Max	Min	Max
BD	0.060	0.095	1.524	2.413
BL	0.125	0.205	3.175	5.207
LD	0.026	0.033	0.660	0.838
LL	1.000	1.500	25.400	38.100

BL includes slugs and uncontrolled area of the leads

UTX105-UTX125 UTX205-UTX225

FAST RECOVERY RECTIFIERS



UTX105-UTX125 UTX205-UTX225

FAST RECOVERY RECTIFIERS

