

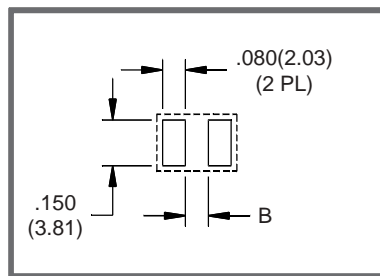
Low Voltage Rectifiers - Surface Mount

0.5A - 1.5A • 30ns - 3000ns • Hermetic

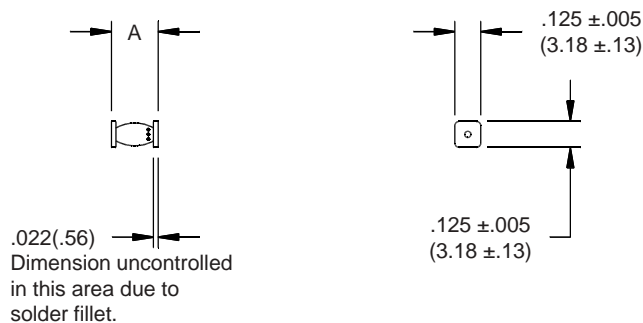
ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS												
Part Number	Working Reverse Voltage (Vrwm)	Average Rectified Current (Io)		Reverse Current @ Vrwm (Ir)		Forward Voltage (Vf)		1 Cycle Surge Current tp=8.3ms (Ifsm)	Repetitive Surge Current (Ifrm)	Reverse Recovery Time (3) (Trr)	Thermal Impd. θ_{J-C}	Junction Cap. @50VDC @1kHz (Cj)
		55°C(1)	100°C(2)	25°C	100°C	25°C		25°C	25°C	25°C	25°C	25°C
	Volts	Amps	Amps	μ A	μ A	Volts	Amps	Amps	Amps	ns	°C / W	pF
X02UL	200	1.50	0.75	1.0	20	2.3	3.00	25	5	70	5	16
X06UL	600	1.50	0.75	1.0	20	2.3	3.00	25	5	70	5	16
X10UL	1000	1.50	0.75	1.0	20	2.3	3.00	25	5	70	5	16
X02FL	200	1.50	0.75	1.0	20	2.0	3.00	30	10	150	5	16
X06FL	600	1.50	0.75	1.0	20	2.0	3.00	30	10	150	5	16
X10FL	1000	1.50	0.75	1.0	20	2.0	3.00	30	10	150	5	16
X02SL	200	1.50	0.75	1.0	20	1.3	3.00	30	10	3000	5	16
X06SL	600	1.50	0.75	1.0	20	1.3	3.00	30	10	3000	5	16
X10SL	1000	1.50	0.75	1.0	20	1.3	3.00	30	10	3000	5	16
X06FF3L	600	0.60	0.30	1.0	20	2.5	0.75	16	3	30	5	16
X10FF3L	1000	0.50	0.25	1.0	20	4.0	0.75	12	2	30	5	16
X06FF5L	600	1.00	0.50	1.0	20	1.8	0.75	16	3	50	5	16
X10FF5L	1000	0.80	0.40	1.0	20	2.0	0.75	12	2	50	5	16
1N5614U	200	1.50	0.75	0.5	25	1.3	3.00	30	10	2000	5	16
1N5616U	400	1.50	0.75	0.5	25	1.3	3.00	30	10	2000	5	16
1N5618U	600	1.50	0.75	0.5	25	1.3	3.00	30	10	2000	5	16
1N5620U	800	1.50	0.75	0.5	25	1.3	3.00	30	10	2000	5	16
1N5622U	1000	1.50	0.75	0.5	25	1.3	3.00	30	10	2000	5	16

(1)TC=55°C (2)TC=100°C (3)If=0.5A, Ir=1.0A, Irr=0.25A *Op. Temp.= -65°C to +175°C Stg. Temp.= -65°C to +200°C

Part	A	B
X(XXX)L	.230 ±.015 (5.84 ±.38)	.140(3.56)
X06FF3L		
X10FF3L	.240 ±.015 (6.10 ±.38)	
X06FF5L		
X10FF5L		
1N5614U THRU 1N5622U	.230 ±.015 (5.8 ±.38)	



Markings:
Three Dots for polarity.



Dimensions: In. (mm) • All temperatures are ambient unless otherwise noted. • Data subject to change without notice.



VOLTAGE MULTIPLIERS INC.
8711 W. Roosevelt Ave.
Visalia, CA 93291

TEL. 595-651-1402
FAX 595-651-0740

www.voltagemultipliers.com
www.highvoltagepowersupplies.com