

SCHOTTKY BARRIER DIODES LEADLESS PACKAGE FOR SURFACE MOUNT

Qualified per MIL-PRF-19500/444

DEVICES

1N5711UB	1N5711UBCA	1N5711UBCC	1N5711UBD
1N5712UB	1N5712UBCA	1N5712UBCC	1N5712UBD

QUALIFIED LEVELS

JAN
JANTX
JANTXV
JANS

MAXIMUM RATING AT 25°C

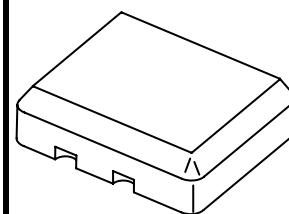
Operating Temperature:	-65°C to +150°C	
Storage Temperature:	-65°C to +150°C	
Operating Current:	5711 types	:33mA dc @ T _{SP} = +140°C
	5712 types	:75mA dc @ T _{SP} = +130°C
Derating:	all types	:Derate to 0 (zero) mA dc @ +150°C

ELECTRICAL CHARACTERISTICS (TA = 25°C, unless otherwise specified)

TYPE NUMBER	MINIMUM BEAKDOWN VOLTAAGE	MAXIMUM FORWARD VOLTAGE	MAXIMUM FORWARD VOLTAGE	MAXIMUM REVERSE LEAKAGE CURRENT		MAXIMUM CAPACITANCE @ V _R = 0 VOLTS f = 1.0MHz	ESDS CLASS
	V _{BR} @ 10μA	V _F @ 1mA	V _F @ I _F	I _R @ V _R		C _T	
	VOLTS	VOLTS	VOLTS @ mA	nA	VOLTS	PICO FARADS	
1N5711	70	0.41	1.0 @ 15	200	50	2.0	1
1N5712	20	0.41	1.0 @ 35	150	16	2.0	1

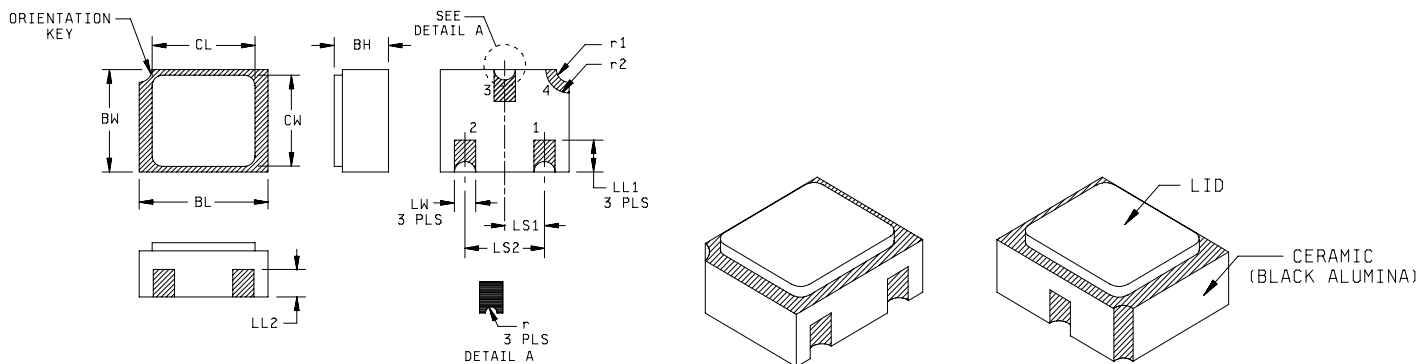
NOTE:

- Effective Minority Carrier Lifetime (τ) is 100 Pico Seconds



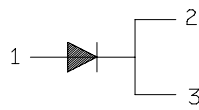
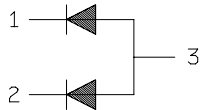
3 PIN

PACKAGE DIMENSIONS



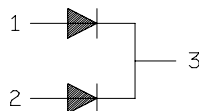
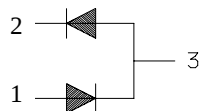
Symbol	Dimensions				Symbol	Dimensions			
	Inches		Millimeters			Inches		Millimeters	
	Min	Max	Min	Max		Min	Max	Min	Max
BH	.046	.056	1.17	1.42	LS ₁	.035	.040	0.89	1.02
BL	.115	.128	2.92	3.25	LS ₂	.071	.079	1.81	2.01
BW	.085	.108	2.16	2.74	LW	.016	.024	0.41	0.61
CL		.128		3.25	r		.008		0.20
CW		.108		2.74	r1		.012		0.31
LL1	.022	.038	0.56	0.96	r2		.022		0.56
LL2	.017	.035	0.43	0.89					

1N5711UBCA
1N5712UBCA



1N5711UB
1N5712UB

1N5711UBD
1N5712UBD



1N5711UBCC
1N5712UBCC

NOTES:

1. Dimensions are in inches.
2. Millimeters are given for general information only.
3. Hatched areas on package denote metallized areas.
4. Pad 4 = Shielding connected to the lid.
5. In accordance with ASME Y14.5M, diameters are equivalent to Φ x symbology.

Physical dimensions, surface mount (UB version)