



CHENMKO ENTERPRISE CO.,LTD

Halogens free devices

SURFACE MOUNT ZENER

SILICON PLANAR POWER ZENER DIODES

VOLTAGE RANGE 3.9V

CHAZ4730BGP-A

FEATURE

* High temperature soldering type.

MECHANICAL

* SMA Packaging.

* Cathode indicated by polarity band.

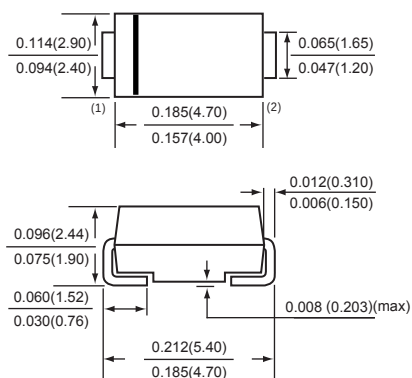
MARKING

* 4730

CIRCUIT



SMA



Dimensions in inches and (millimeters)

SMA

MAXIMUM RATINGS (At $T_A = 25^{\circ}\text{C}$ unless otherwise noted)

RATINGS	SYMBOL	VALUE	UNITS
Zener Current (see Table "Characteristics")	-	-	-
Max. Steady State Power Dissipation @ $T_A=25^{\circ}\text{C}$	P_D	1.0	W
Max. Operating Temperature Range	T_J	-65 to +150	$^{\circ}\text{C}$
Storage Temperature Range	T_{STG}	-65 to +150	$^{\circ}\text{C}$

ELECTRICAL CHARACTERISTICS (At $T_A = 25^{\circ}\text{C}$ unless otherwise noted)

TYPE	Zener voltage V _Z (V) @ I _{ZT}			Test current	Maximum Zener impedance			Maximum reverse leakage current	
	Min	Nom	Max	I _{ZT} (mA)	Z _{ZT} at I _{ZT} (Ω)	Z _{ZK} (Ω)	at I _{ZK} (mA)	I _R (μA)	at V _R (V)
	Volts	Volts	Volts						
CHAZ4730BGP-A	3.705	3.9	4.095	64	9	400	1.0	50	1

2014-08

RATING CHARACTERISTIC CURVES (CHAZ4730BGP-A)

FIG. 1 - TYPICAL TEMPERATURE COEFFICIENTS)

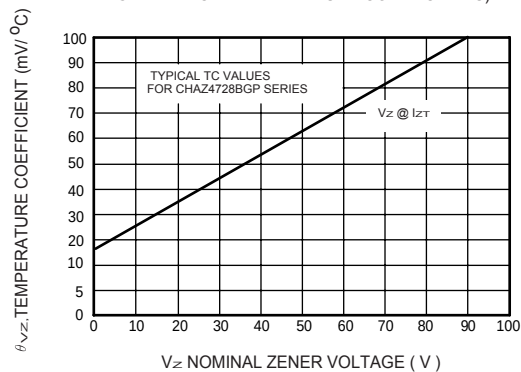


FIG. 2 - TYPICAL LEAKAGE CURRENT

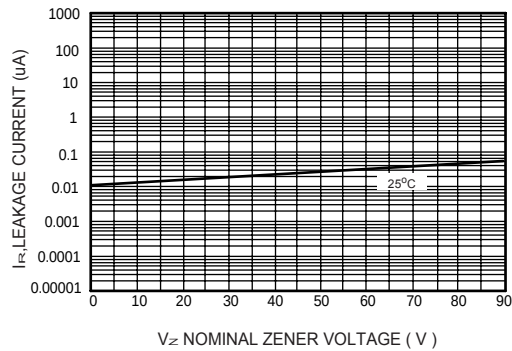


FIG. 3 - ZENER VOLTAGE VERSUS ZENER CURRENT

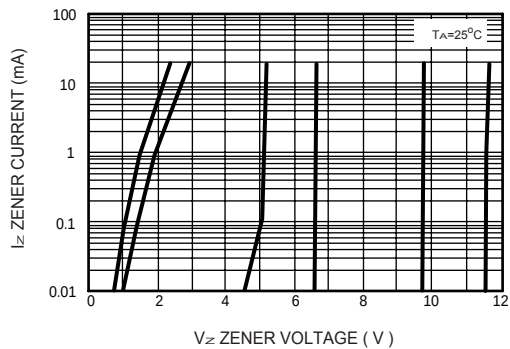


FIG. 4 - ZENER VOLTAGE VERSUS ZENER CURRENT

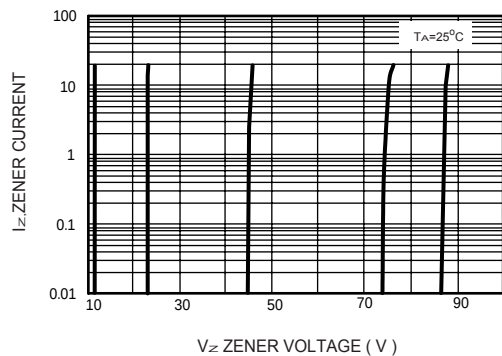
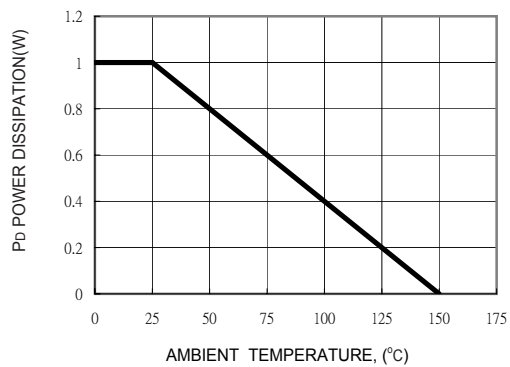


FIG. 5 - TYPICAL POWER DISSIPATION DERATING CURVE





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SURFACE MOUNT

RECOMMENDED FOOT PRINT

all dimensions in mm

SMA

SMA

