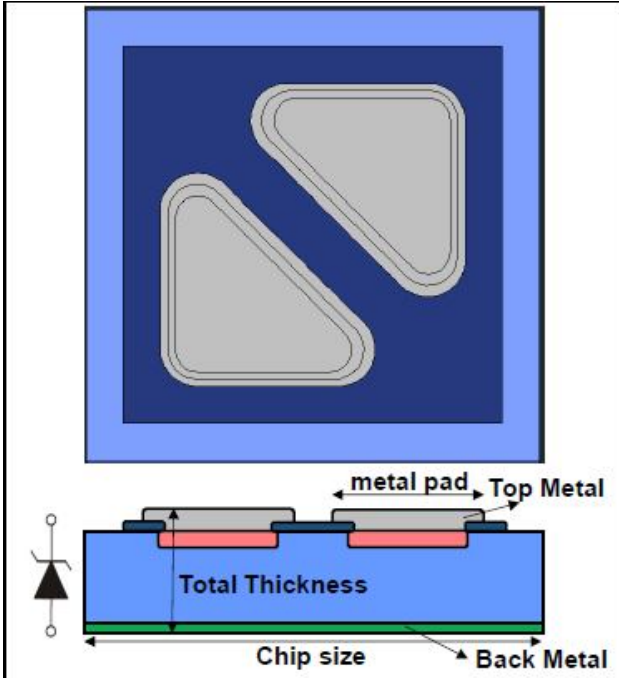


Preliminary

Zener Diode



Item	Dimensions	
	um	mil
Die Size (A)	305	12
Top Metal (Al)	145 * 117	5.7 * 4.6
Top Metal Pad size (B)		
Wafer Thickness (C)	150±20	6
Scribe Line Width (D)	50	1.96
Other Information		
Wafer Size	6"	
Gross Die	152,428	
Back Side Metal	NiTiAgSn	

Absolute Maximum Ratings (Ta=25°C unless otherwise specified)

Parameter	Symbol	Value	Unit
Operating Junction and Storage Temperature Range	T _j T _{stg}	-55 to +150	°C

(Electrical Characteristics @TA=25°C)

Part No	Target Voltage	Breakdown Voltage		Test Current	Reverse Leakage (Max)		Test Voltage	Z _{ZK} (Max)	Z _{ZT} (Max)
	V _Z	V _Z		I _Z	I _{R1}	I _{R2} (D to D)	V _R	@I _{ZK} =0.5mA	@I _{ZT} =5mA
		Min[V]	Max[V]						
CZ12S5P6ML	5.6	5.33	5.87	5	1	1	2.5	15	15