

OSZ-2017AL-7V

SILICON ZENER DIODE

COMMON ANODE TYPE ZENER DIODE

APPLICATION : Surge ESD Protector

● DIE SIZE 0.15(±0.02)mm × 0.15(±0.02)mm

● DIE THICKNESS 100 μ m ± 20 μ m

● METALLIZATION

TOP Al

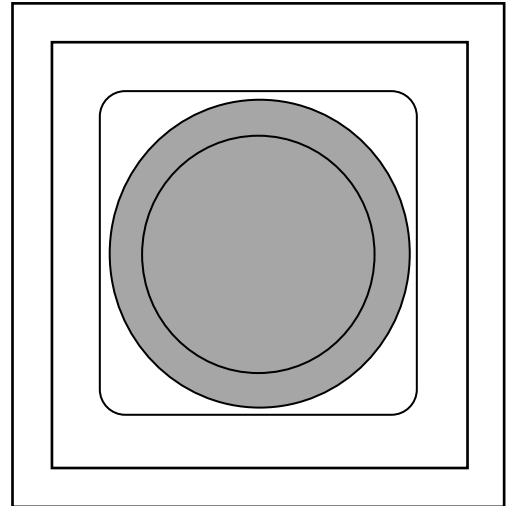
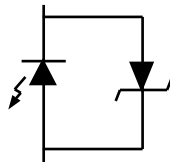
BOTTOM Au

● BONDING PAD SIZE

CATHODE(TOP) 0.105mm Φ

ANODE(BOTTOM)

● SCHEMATIC DIAGRAM



● ELECTRICAL CHARACTERISTICS (Ta = 25℃)

Parameter	Symbol	Test Condition	Min	Typ	Max	Unit
Forward Voltage	V _F	I _F =5mA		0.9	1.2	V
Zener Voltage	V _Z	I _Z =5mA	6.0	7.0	8.0	V
Reverse Current	I _R	V _R =4V			0.1	μ A

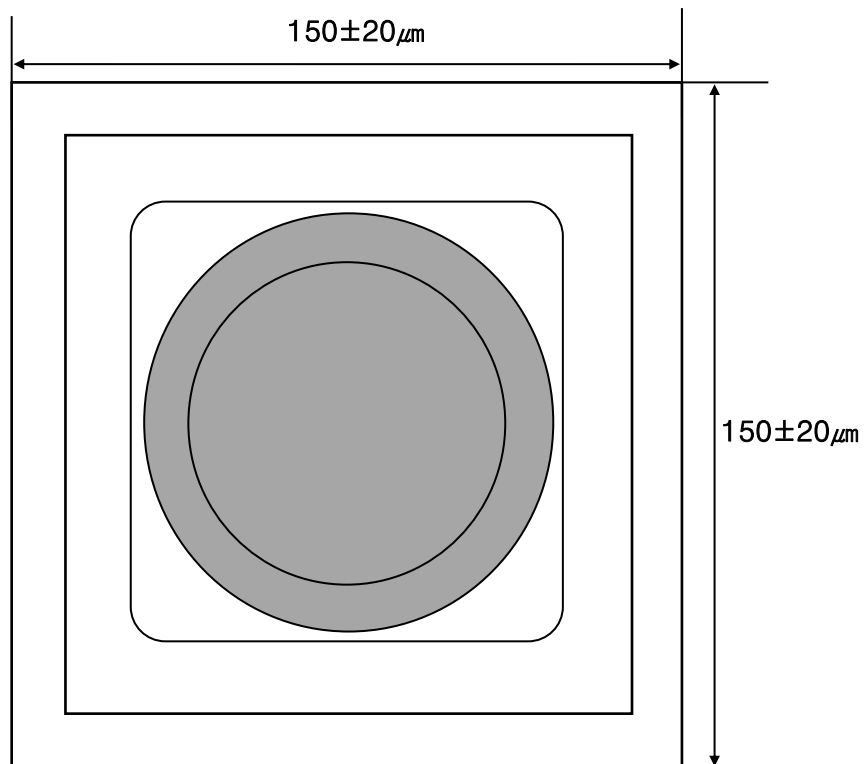
● ABSOLUT MAXIMUM RATINGS (Ta = 25℃)

Parameter	Symbol	Maximum Rating	Unit
Power Dissipation	P _d	30	mW
Junction Temperature	T _J	150	℃

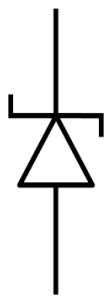
COMMON ANODE TYPE ZENER DIODE

PART NAME : ZENER DIODE

PART NUMBER : OSZ-2017AL-7V



Cathode



Anode

