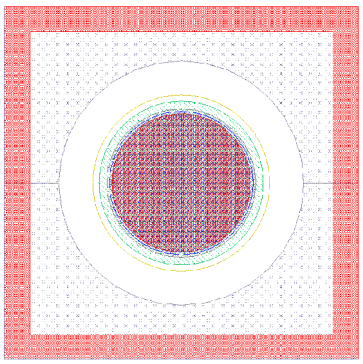
2KG023075JL SWITCHING DIODE CHIPS

DESCRIPTION

- 2KG023075JL is a high speed switching diode chip fabricated in planar technology.
- This chip can be encapsulated as 1N4148 switching diode.
- This chip has several thicknesses, can suit for different plastic package. The top electrodes material is Al, and the back-side electrodes material is Au.
- Chip size: 0.23 X 0.23 $(mm)^2$



2KG023XXX CHIP TOPOGRAPHY

2KG023075JL ELECTRICAL CHARACTERISTICS (T_J=25°C)

Characteristics	Symbol	Test Conditions	Min.	Typ.	Max.	Unit
Forward Voltage	V_F	I_F=10mA.	--	--	1.0	V
		I_F=100mA.	0.62	0.9	1.2	V
Reverse Voltage	V_{BR}	I_B=100μA.	100	120	--	V
Reverse Current	I_R	V_R=20V.	--	--	25	nA
		V_R=75V.	--	--	5	μA
Diode Capacitance	C_d	f=1MHz; V_R=0.	--	1.9	4	pF
Reverse Recovery Time	t_{rr}	When switched from I_F=10mA to V_R=6V; R_L=100Ω; measured at I_R=1mA.	--	--	4	ns