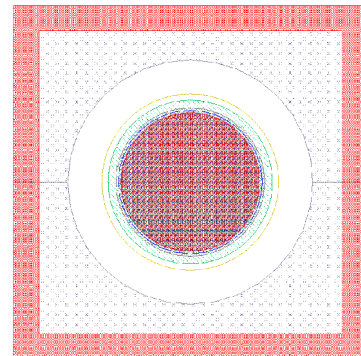


2KG023075JL SWITCHING DIODE CHIPS

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