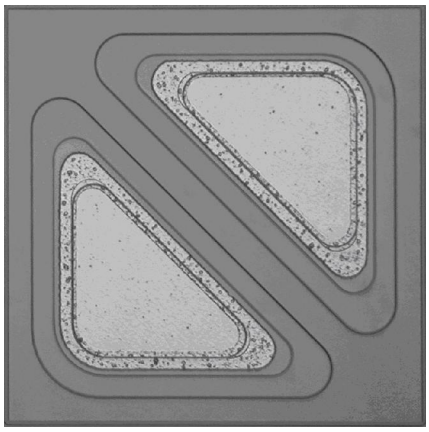
2KG037075NJL COMMON CATHODE DOUBLE DICE SWITCHING DIODE CHIPS

DESCRIPTION

- 2KG037075NJL is a common cathode double dice switching diode fabricated in planar technology.
- The parameters of diode match well due to double dice on the same chip substrate.
- Optimized graph design suit for encapsulation bonding, and the interference is very small between two dice.
- The top electrodes material is Al, and the back-side electrodes material is Au.
- Chip size: 0.37 X 0.37 $(mm)^2$.



2KG037075NJL CHIP TOPOGRAPHY

2KG037075NJL 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

Note：The electrical characteristic is single dice value.