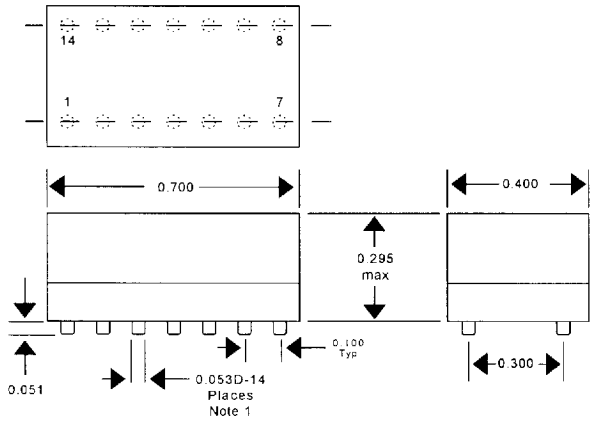
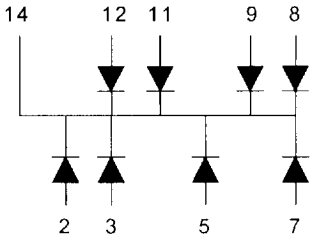
SURFACE MOUNT DIODE DIP ARRAY



Base Material is black UL 94V-O Glass filled Polyester Thermoplastic (PET). Terminals are Brass Alloy 360. Tin Plated, 200u over 100u Nickel. Suggested Printed Circuit Pad Size is 0.063 Diameter.



SMD1-7 Case
1N914B Diodes

ELECTRICAL CHARACTERISTICS at 25 °C

SYMBOL	CHARACTERICTIC	MIN	MAX	UNITS	TEST CONDITIONS
V_{BR}	Breakdown Voltage	100		V	I_R=10 uA
V_F	Forward Voltage		1.0	V	I_F=100 mA
I_R	Reverse Current		4.0 200	uA uA	V_R=75 V, T_A= 25°C V_R=75 V, T_A=125°C
C	Capacitance (Note 1)		5.0	pF	V_R=0, f=1.0MHz
t_{rr}	Forward Recovery Time		20	ns	If=100 mA, R_S=50 ohms V_{fr}=1.1V, t_r 1 0 ns
t_{rr}	Reverse Recovery Time		4.0	ns	I_f=I_r=10 mA, R_L=100 ohms, I_{rr}=1.0 mA

Notes:

1. The capacitance is measured from pin to pin across any one of the diodes. The interaction of othe diodes is therefore included in the measured value.