



PIN DIODES

T.07-15

NJX2000 Series

■ Description

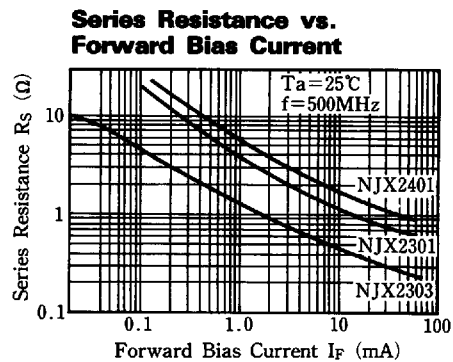
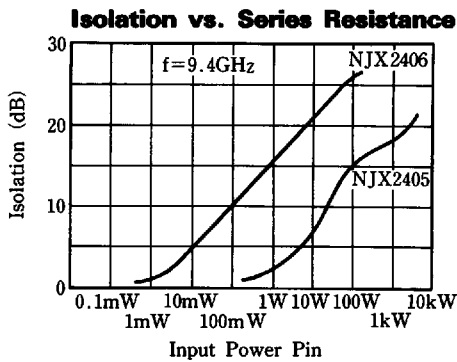
NJX2000 Series is passivated silicon PIN diode of mesa construction. Excellent process and assembly technologies provide highly reproducible and reliable devices. These devices are suited for switches, limiters, attenuators, phase shifters and duplexers.

■ Electrical Characteristics (Ta=25°C)

Parameter	Reverse Voltage VR(V)	Diode Capacitance C1100(pF)			Series Resistance RS(Ω)	Carrier Life Time τ(μS)	Input Power Pin(W)	Package Outline
Test Condition	IR=10μA	VR=100V			IF=50mA f=500MHz	f=9.4GHz		
Type	Min.	Min.	Typ.	Max.	Max.	Typ.	Max.	
NJX2301	200	0.24	—	0.32	1.0	1.5	—	A
2303	100	0.47	—	0.63	0.5	2.5	—	A
2401	200	—	—	0.37	1.5	1.5	—	A
2405	100	—	0.6	—	0.8	0.8	4000	B
2405A	100	—	0.6	—	0.8	0.8	8000	B
2406	28	—	0.28(Notes)	—	—	0.02	150	A
2407	100	0.3	—	0.36	—	—	—	A

Note : VR=20V

■ Typical Performance Characteristics (Ta=25°C)





PACKAGE OUTLINE

T-91-20

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