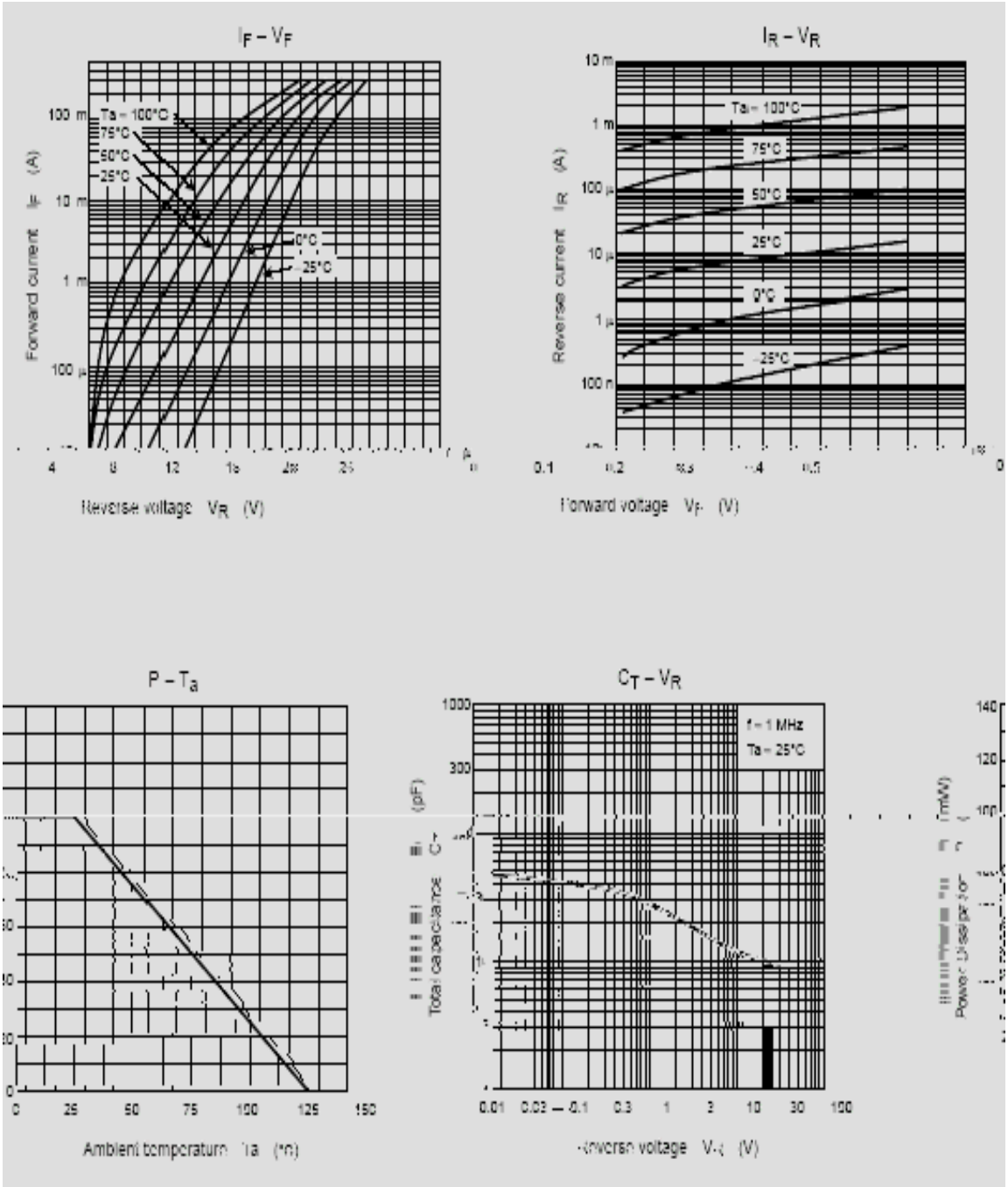
- High speed switching

1SS404WS R9

Parameter	Symbol	Value	Unit
Maximum (Peak) Reverse Voltage	V_{RM}	25	V
Reverse Voltage	V_R	20	V
Average Forward Current	I_O	300	mA
Maximum (Peak) Forward Current	I_{FM}	700	mA
Power Dissipation	P_{tot}	200	mW
Junction Temperature	T_J	125	°C
Storage Temperature Range	T_{stg}	- 55 to + 125	°C

Parameter	Symbol	Typ.	Max.	Unit
Forward Voltage at I_F = 300 mA	V_F	-	0.45	V
Reverse Current at V_R = 20 V	I_R	-	50	µA


IF – VF
Ta = 100°C
75°C
50°C
25°C
0°C
-25°C
Forward current IF (A)
Reverse voltage VR (V)
IR – VR
Reverse current IR (A)
Forward voltage VF (V)
P – Ta
Ambient temperature Ta (°C)
CT – VR
f = 1 MHz
Ta = 25°C
Total capacitance CT (pF)
Power Dissipation (mW)
Inverse voltage VR (V)

S/Carton

mil	
Min.	**Max.**
32	43
3.1	5.9
47	55
63	70
100	108

6M