



Microwave Limiters

MODEL NUMBER SYSTEM

SL^A 3^B D^C 1^D
^AType (Table 1)
^BFrequency (Tables 4 & 5)
^CPackage Style (Table 3)
^DOutput Connector (Table 2)

TABLE 1: TYPE

SL = Schottky Turn-on Limiter
 PL = Pin Limiter

TABLE 2: OUTPUT CONNECTOR

1 = SMA Female
 4 = SMA Male
 5 = Module Lead

TABLE 3: PACKAGE STYLE

SMA STYLE[L±0.050]
 G[1.15],H[1.25],I[1.45],
 C[1.20],D[1.30],E[1.45]
CYLINDRICAL STYLE[L±0.005]
 K[0.530],L[0.650],M[0.800]

TABLE 3: PIN LIMITER SPECIFICATIONS

Code Number	Frequency Range (GHz)	Insertion Loss ¹ (dB) maximum	Leakage ² Power (dBm) maximum	VSWR ^{1,5} (-:1) Typical	CW ⁴ Power (watts) max	Peak ^{3,4} Power (watts) max	Package Style
0	0.1 to 0.5	0.5	+20	1.5	2	100	E, I, M
1	0.5 to 1.0	0.5	+20	1.5	2	100	E, I, M
2	1 to 2	0.6	+20	1.5	2	100	D, H, L
3	2 to 4	0.8	+19	1.5	2	100	D, H, L
4	4 to 8	1.2	+18	1.5	2	100	C, G, K

TABLE 4: SCHOTTKY TURN-ON LIMITER SPECIFICATIONS

Code Number	Frequency Range (GHz)	Insertion Loss ¹ (dB) maximum	Leakage ² Power (dBm) maximum	VSWR ^{1,5} (-:1) Typical	CW ⁴ Power (watts) max	Peak ^{3,4} Power (watts) max	Package Style
0	0.1 to 0.5	0.5	+15	1.4	10	500	E, I, M
1	0.5 to 1.0	0.7	+15	1.4	10	500	E, I, M
2	1 to 2	0.8	+15	1.5	10	500	D, H, L
3	2 to 4	1.2	+14	1.5	10	500	D, H, L
4	4 to 8	1.7	+13	2.0	10	500	C, G, K

NOTES:

1. Measured at 0 dBm input power.
2. Measured at 1 watt input power.
3. 1 usec. pulse width, 1 KHz pulse repetition frequency.
4. These ratings are at 25°C. See derating curves for other temperatures.
5. Terminated into 50 ohms.
6. Specifications subject to change without notice.