

➤ **Features:**

- Slide card design
- 120 to 200 MHz
- Gain 11.0 dB
- Noise Figure 6.75 dB Max.



**MILLENNIUM
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SPCL-00106-5

➤ Specifications:

SERIAL NUMBER		
SELECTED INPUT	J2	J3
TTL 1	1	0
GAIN @ 120MHz		
11.0dB ±0.5dB		
GAIN @ 200MHz		
11dB ±0.5dB		
VSWR @ ON PORT		
1.5:1		
VSWR @ J1		
1.5:1		
ISOLATION		
OFF PORT TO J1 *1		
60dB MIN		
OFF TO ON PORT *2		
60dB MIN		
J1 TO ON PORT ISO @ 120MHz*1		
30dB MIN		
J1 TO ON PORT ISO @ 200MHz*1		
30dB MIN		
P1dB OUTPUT PWR @ 120MHz		
15dBm MIN		
P1dB OUTPUT PWR @ 200MHz		
15dBm MIN		
NOISE FIGURE @ 120MHz		
6.75dB MAX		
NOISE FIGURE @ 200MHz		
6.75dB MAX		
RF POWER DETECTION		
1.2 V TO 1.6 V*3		
DC POWER @ +5VDC		
2W MAX		

SWITCHING SPEED *5
PORT OFF TO ON
10uS MAX
OPERATING TEMP *5
0°C TO +50°C
WEIGHT, 1.0 lb MAX *5
MAX INPUT POWER, +15dBm *5
IP3 @120MHz *4
+25dBm MIN
IP3 @200MHz *4
+25dBm MIN

*1 Input to output isolation and reverse isolation, measurement referenced to the path gain.

*2 Input to input isolation, signal incident to off port, J1 terminated with load.

*3 Output power -10 dBm to -20 dBm @160 MHz

*4 Third order intercept points not measured, these are guaranteed by design

*5 Switching speed , weight, operating temp and max input power, will be measured on the First Article only.

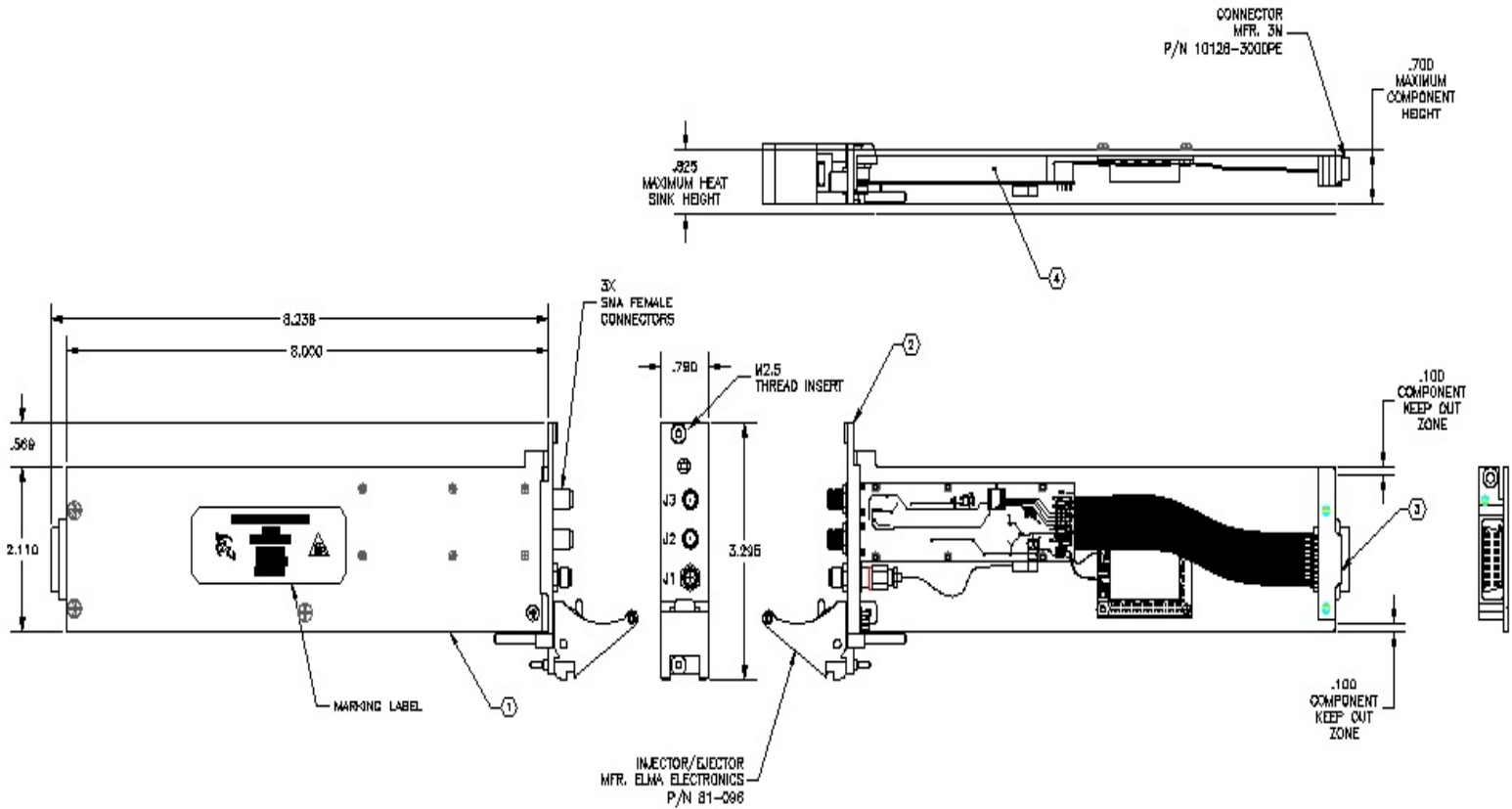
*6 On test box 0 = Led On, NC = Led Off



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➤ Outline Drawing:



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