

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SDPX-8R8- TYPE

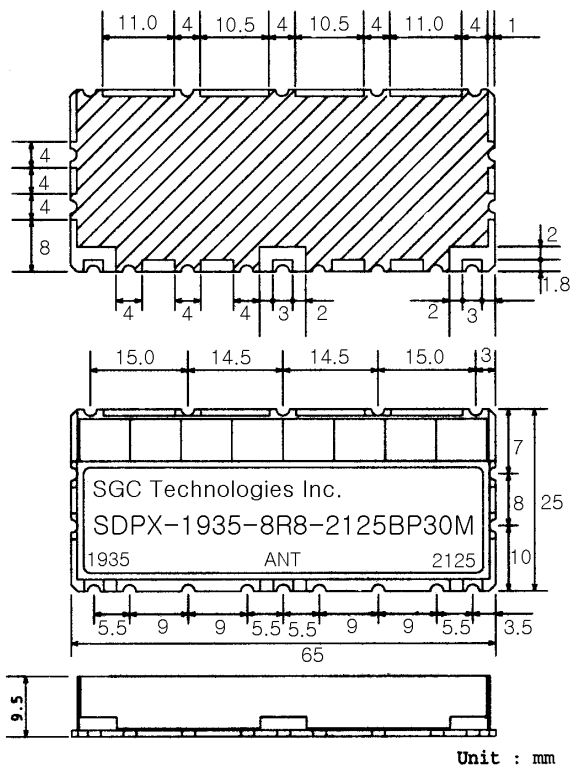
PART NO: SDPX-1935-8R8-2125BP30M

Center frequency	1935 MHz	2125 MHz
Pole	4	4
Bandwidth(BW)	Fo ±15 MHz	Fo ±15 MHz
Insertion Loss	3.0 dB max	2.2 dB max
VSWR in BW	1.4 max	1.4 max
Ripple in BW	0.5 dB max	0.5 dB max
Attenuation	60dBc min at 1710MHz-1785MHz 30dBc min at 1805MHz-1880MHz 50cdB min at 2040MHz	38dBc min at 2010MHz-2025MHz 32dBc min at 2040MHz 50dBc min at 2300 MHz
Isolation	55dBc min at 870MHz-880 MHz	50dBc min at 825MHz-835 MHz
In/Out Impedance	50 ohm	50 ohm

NOTE:

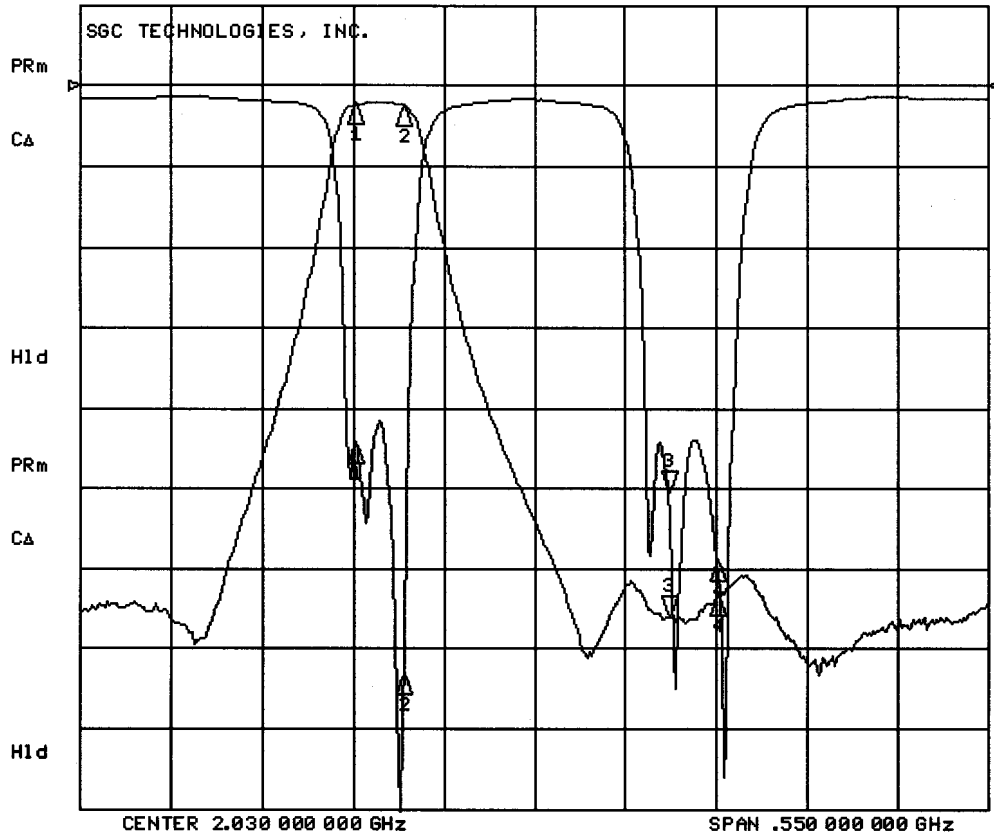
EQUIPMENT used :HP 8753E

DIMENSION:



SDPX-1935-8R8-2125BP30M

CH1 S11 LOG 5 dB/REF 0 dB 3:-25.253 dB 2.110 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 3:-66.106 dB



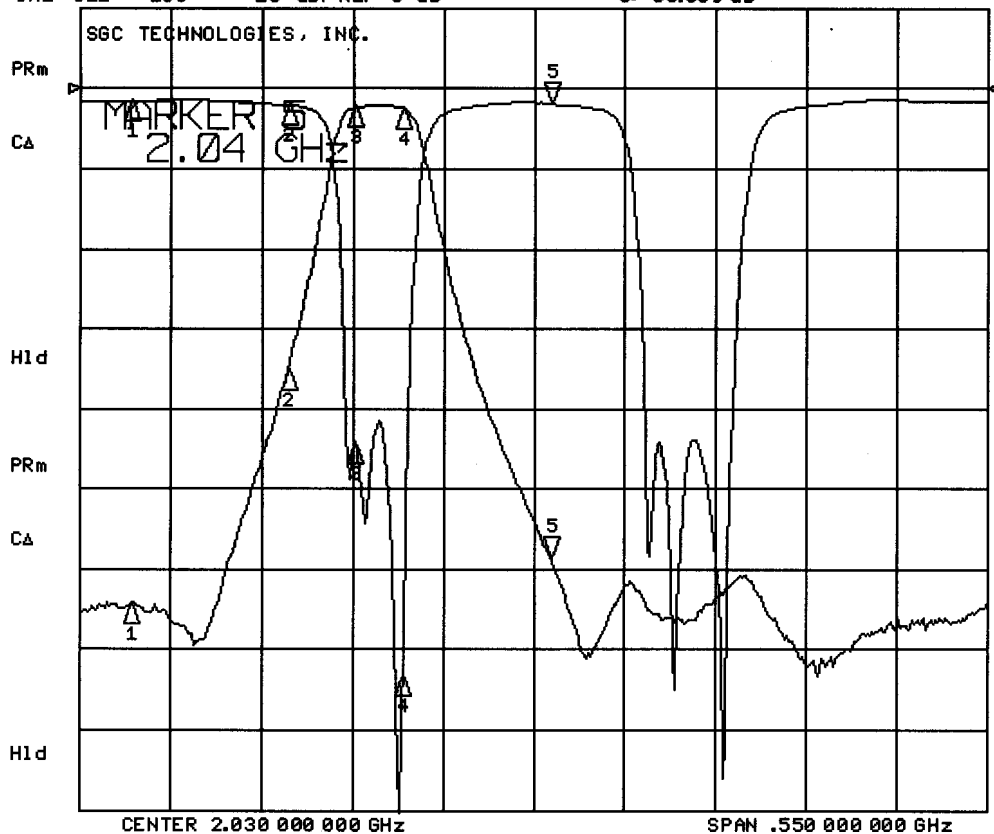
CH1 Markers

1:-22.187 dB
 1.92000 GHz
 2:-36.727 dB
 1.95000 GHz
 4:-29.527 dB
 2.14000 GHz

CH2 Markers

1:-2.4000 dB
 1.92000 GHz
 2:-2.4750 dB
 1.95000 GHz
 4:-53.310 dB
 2.14000 GHz

CH1 S11 LOG 5 dB/REF 0 dB 5:-91.100 dB 2.040 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 5:-58.639 dB



CH1 Markers

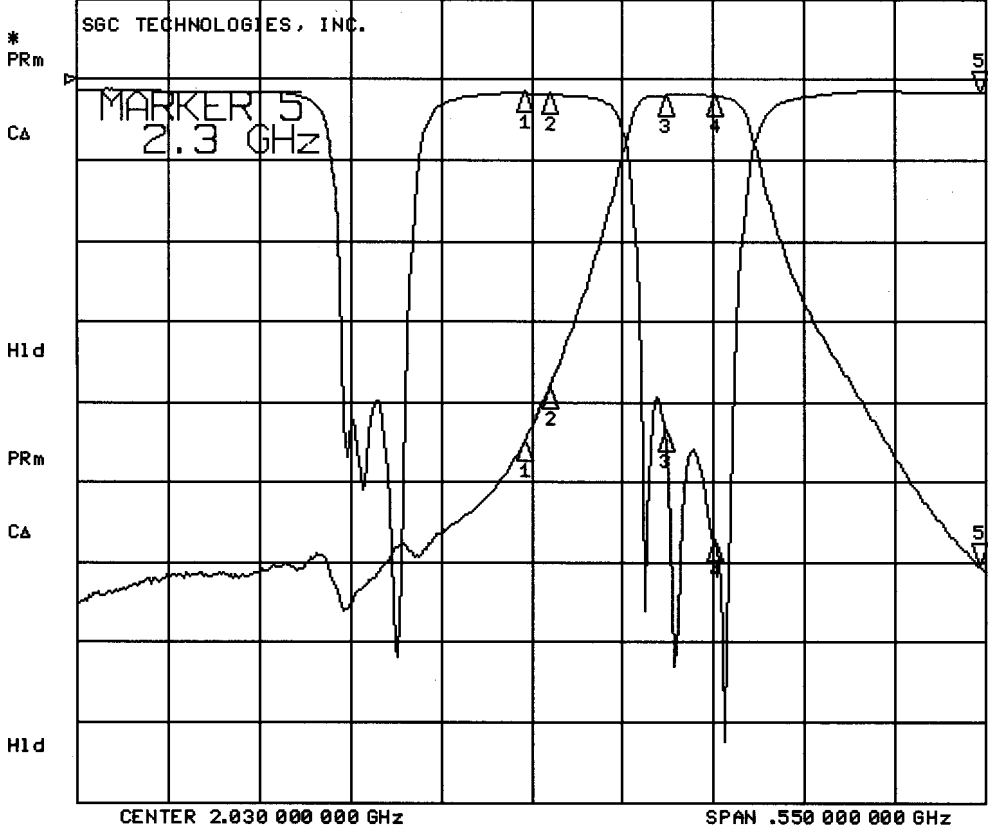
1:-80.600 dB
 1.78500 GHz
 2:-1.0170 dB
 1.88000 GHz
 3:-22.187 dB
 1.92000 GHz
 4:-36.727 dB
 1.95000 GHz

CH2 Markers

1:-54.407 dB
 1.78500 GHz
 2:-35.183 dB
 1.88000 GHz
 3:-2.4000 dB
 1.92000 GHz
 4:-2.4750 dB
 1.95000 GHz

SDPX-1935-8R8-2125BP30M

[CH1] S22 LOG 5 dB/REF 0 dB 5:-.75900 dB 2.300 000 000 GHz
 CH2 S21 LOG 10 dB/REF 0 dB 5:-60.303 dB



[CH1] S22 LOG 5 dB/REF 0 dB 3:-21.782 dB 2.110 000 000 GHz
 CH2 S21 LOG 10 dB/REF 0 dB 3:-1.9690 dB

