

# SGC Technologies, Inc.

## PRODUCT SPECIFICATION FOR INFORMATION

**PRODUCT NAME: SDPX-8R8-TYPE**

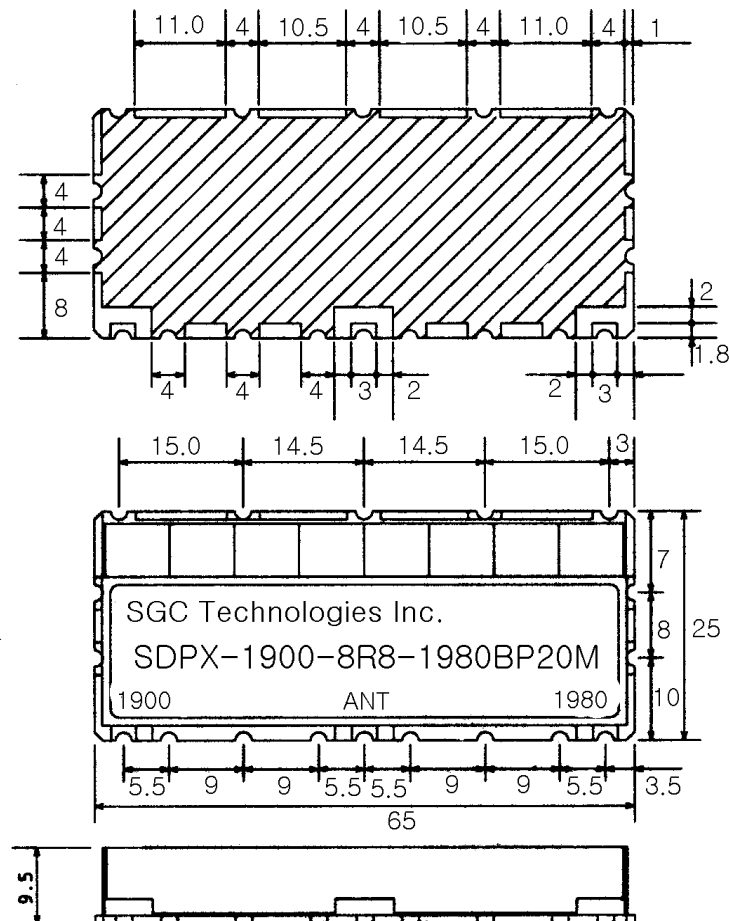
**PART NO: SDPX-1900-8R8-1980BP20M**

Center frequency	1900 MHz	1980 MHz
Pole	4	4
Bandwidth(BW)	Fo ±10 MHz	Fo ±10 MHz
Insertion Loss	2.0 dB MAX	2.0 dB MAX
VSWR in BW	1.4 MAX	1.4 MAX
Ripple in BW	1.0 dB MAX	1.0 dB MAX
Attenuation	55dB MIN at 1970MHz-1990MHz	55dB MIN at 1890MHz-1910MHz
In/Out Impedance	50 ohm	50 ohm

**NOTE:**

EQUIPMENT used :HP 8753E

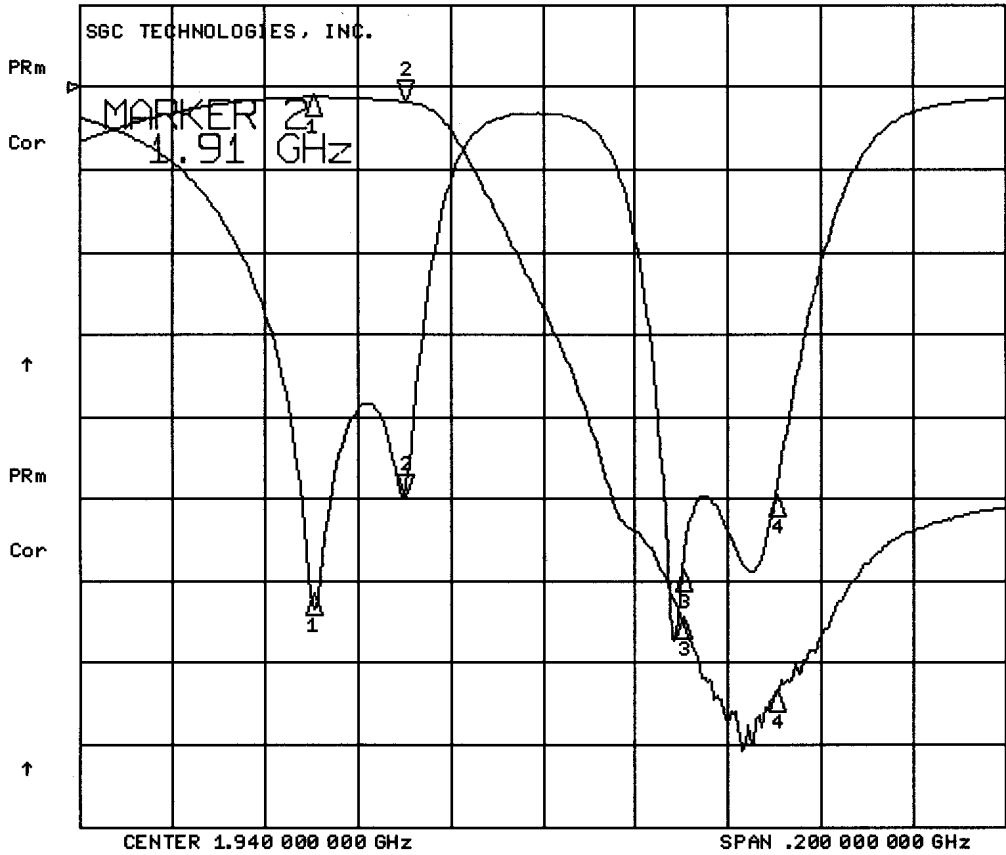
**DIMENSION:**



Unit : mm

# SDPX-1900-8R8-1980BP20M

**CH1** S11 LOG 5 dB/REF 0 dB 2:-24.784 dB 1.910 000 000 GHz  
**CH2** S21 LOG 10 dB/REF 0 dB 2:-1.7770 dB



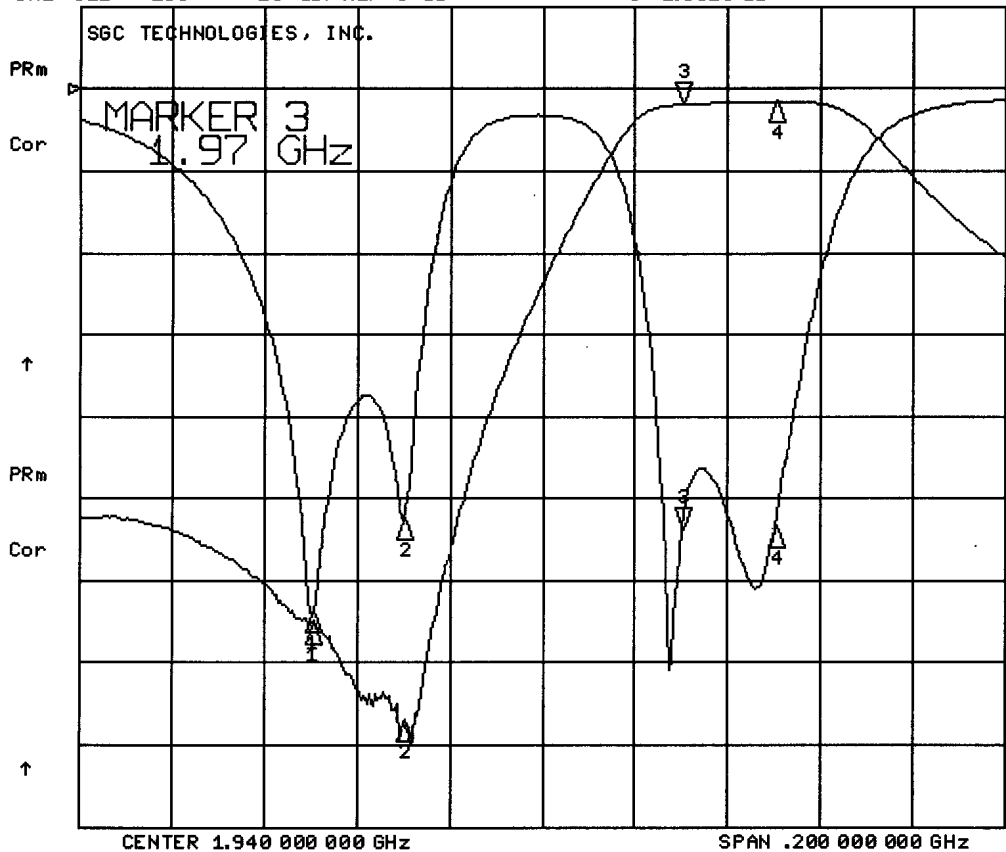
**CH1 Markers**

- 1:-30.863 dB  
1.89000 GHz
- 3:-29.415 dB  
1.97000 GHz
- 4:-24.874 dB  
1.99000 GHz

**CH2 Markers**

- 1:-1.1860 dB  
1.89000 GHz
- 3:-64.648 dB  
1.97000 GHz
- 4:-73.559 dB  
1.99000 GHz

**CH1** S22 LOG 5 dB/REF 0 dB 3:-26.881 dB 1.970 000 000 GHz  
**CH2** S21 LOG 10 dB/REF 0 dB 3:-1.8620 dB



**CH1 Markers**

- 1:-31.947 dB  
1.89000 GHz
- 2:-26.310 dB  
1.91000 GHz
- 4:-26.727 dB  
1.99000 GHz

**CH2 Markers**

- 1:-65.408 dB  
1.89000 GHz
- 2:-77.086 dB  
1.91000 GHz
- 4:-1.5300 dB  
1.99000 GHz