

# SGC Technologies, Inc.

## PRODUCT SPECIFICATION FOR INFORMATION

**PRODUCT NAME: SDPX-8R6-TYPE**

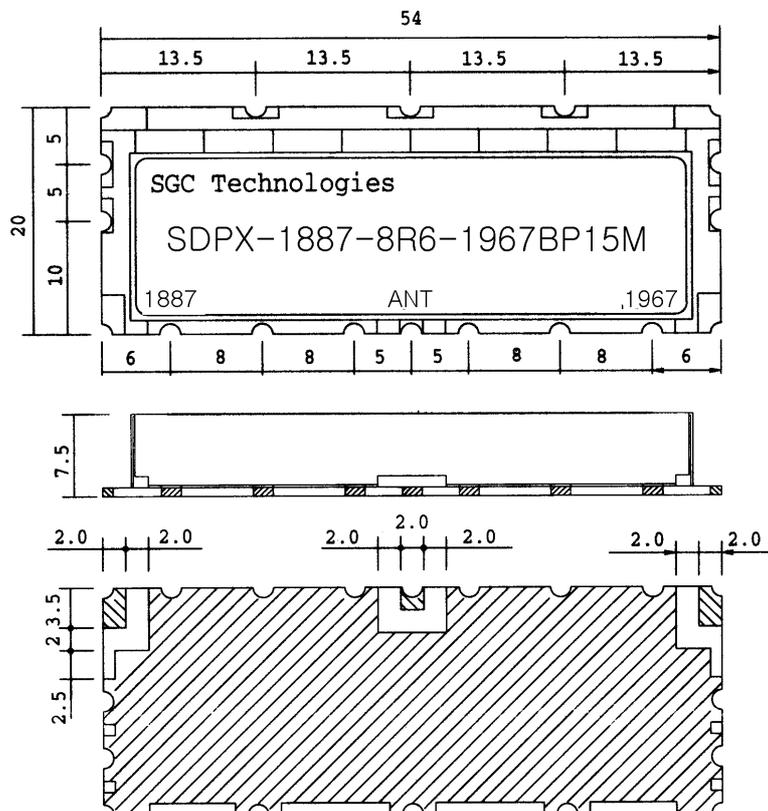
**PART NO: SDPX-1887-8R6-1967BP15B**

Center frequency	1887.5 MHz	1967.5 MHz
Pole	4	4
Bandwidth(BW)	$F_o \pm 7.5$ MHz	$F_o \pm 7.5$ MHz
Insertion Loss	2.0 dB max	2.0 dB max
VSWR in BW	1.4 max	1.4 max
Ripple in BW	0.5 dB max	0.5 dB max
Attenuation	50dB min at 1960MHz- 1975MHz	50dB min at 1880MHz-1895MHz
In/Out Impedance	50 ohm	50 ohm

**NOTE:**

EQUIPMENT used :HP 8753D

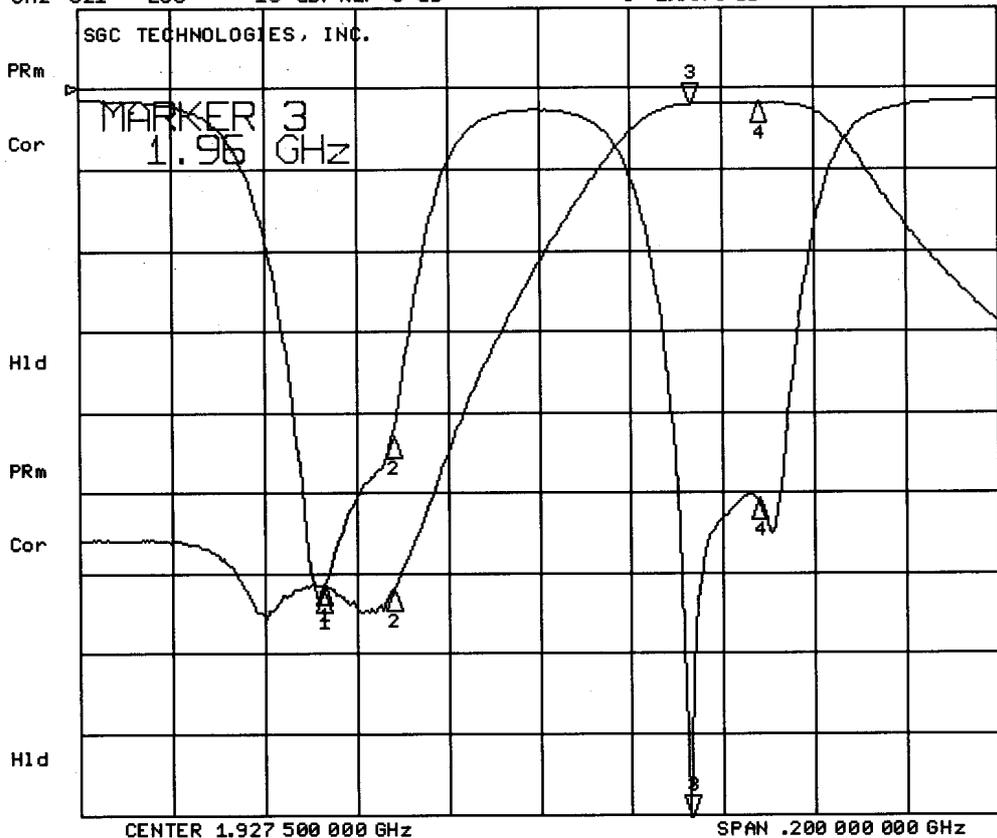
**DIMENSION:**



TOLERANCES UNLESS OTHERWISE SPECIFIED : +/-0.2  
UNIT : mm

# SDPX-1887-8R6-1967BP15B

**CH1** S22 LOG 5 dB/REF 0 dB 3:-49.027 dB 1.960 000 000 GHz  
**CH2** S21 LOG 10 dB/REF 0 dB 3:-1.9370 dB



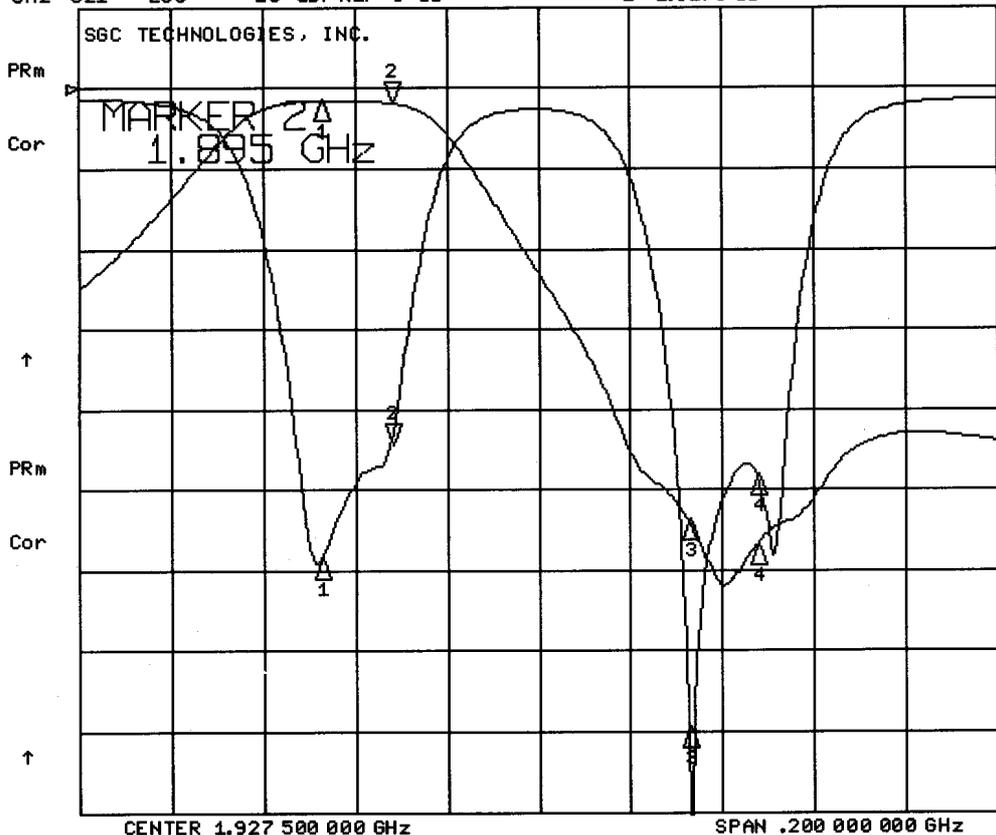
**CH1 Markers**

- 1:-31.215 dB  
1.88000 GHz
- 2:-21.598 dB  
1.89500 GHz
- 4:-25.483 dB  
1.97500 GHz

**CH2 Markers**

- 1:-61.517 dB  
1.88000 GHz
- 2:-62.352 dB  
1.89500 GHz
- 4:-1.7570 dB  
1.97500 GHz

**CH1** S11 LOG 5 dB/REF 0 dB 2:-22.155 dB 1.895 000 000 GHz  
**CH2** S21 LOG 10 dB/REF 0 dB 2:-1.8170 dB



**CH1 Markers**

- 1:-29.273 dB  
1.88000 GHz
- 3:-39.782 dB  
1.96000 GHz
- 4:-24.140 dB  
1.97500 GHz

**CH2 Markers**

- 1:-1.6110 dB  
1.88000 GHz
- 3:-53.800 dB  
1.96000 GHz
- 4:-56.927 dB  
1.97500 GHz