

# SGC Technologies, Inc.

## PRODUCT SPECIFICATION FOR INFORMATION

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

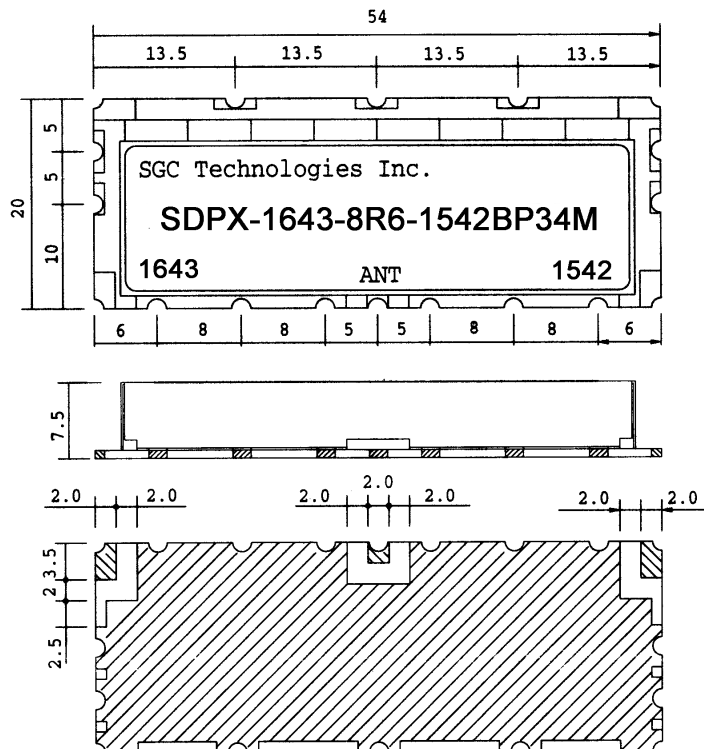
**PART NO: SDPX-1643-8R6-1542BP34M**

Center frequency	1542 MHz	1643 MHz
Pole	8	8
Bandwidth(BW)	Fo $\pm$ 17 MHz	Fo $\pm$ 17 MHz
Insertion Loss	2.0 dB max	2.0 dB max
VSWR in BW	1.5 max	1.5 max
Ripple in BW	0.5 dB max	0.5 dB max
Attenuation	50dB min at 1626MHz-1660 MHz	50dB min at 1525MHz-1559MHz
In/Out Impedance	50 ohm	50 ohm

**NOTE:**

EQUIPMENT used :HP 8753E

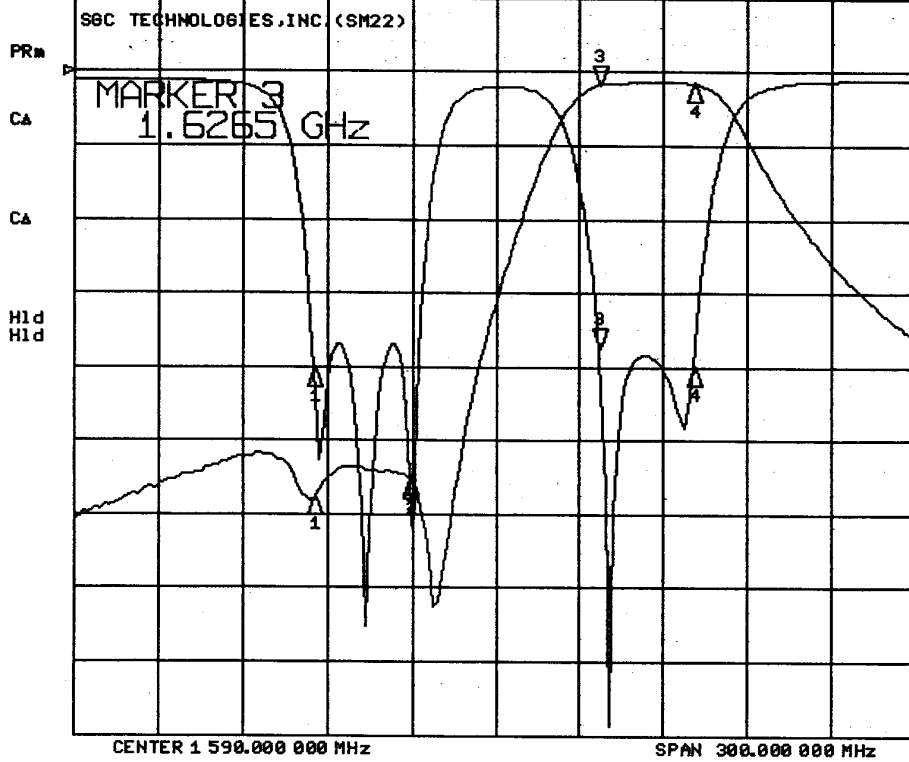
**DIMENSION:**



TOLERANCES UNLESS OTHERWISE SPECIFIED :  $\pm$ 0.2  
UNIT : mm

# SDPX-1643-8R6-1542BP34M

**CH1** S22 L06 5 dB/REF 0 dB 3-18.692 dB 1 626.500 000 MHz  
**CH3** S12 L06 10 dB/REF 0 dB 3-1.7918 dB



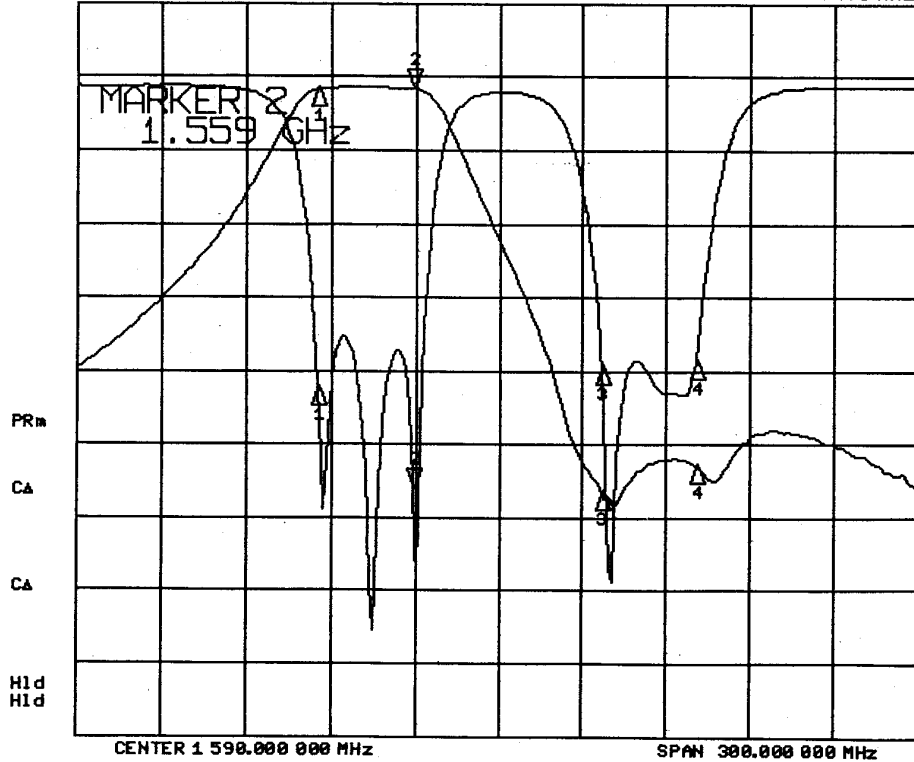
**CH1 Markers**

- 1- -20.209 dB  
1.52500 GHz
- 2- -27.474 dB  
1.55900 GHz
- 4- -19.998 dB  
1.66050 GHz

**CH3 Markers**

- 1- -57.744 dB  
1.52500 GHz
- 2- -55.384 dB  
1.55900 GHz
- 4- -1.5447 dB  
1.66050 GHz

**CH2** S32 L06 10 dB/REF 0 dB 2-1.6590 dB  
**CH4** S22 L06 5 dB/REF 0 dB 2-28.017 dB 1 559.000 000 MHz



**CH2 Markers**

- 1- -1.6523 dB  
1.52500 GHz
- 3- -56.449 dB  
1.62650 GHz
- 4- -52.925 dB  
1.66050 GHz

**CH4 Markers**

- 1- -21.129 dB  
1.52500 GHz
- 3- -19.683 dB  
1.62650 GHz
- 4- -19.293 dB  
1.66050 GHz