

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SDPX-8R6-TYPE

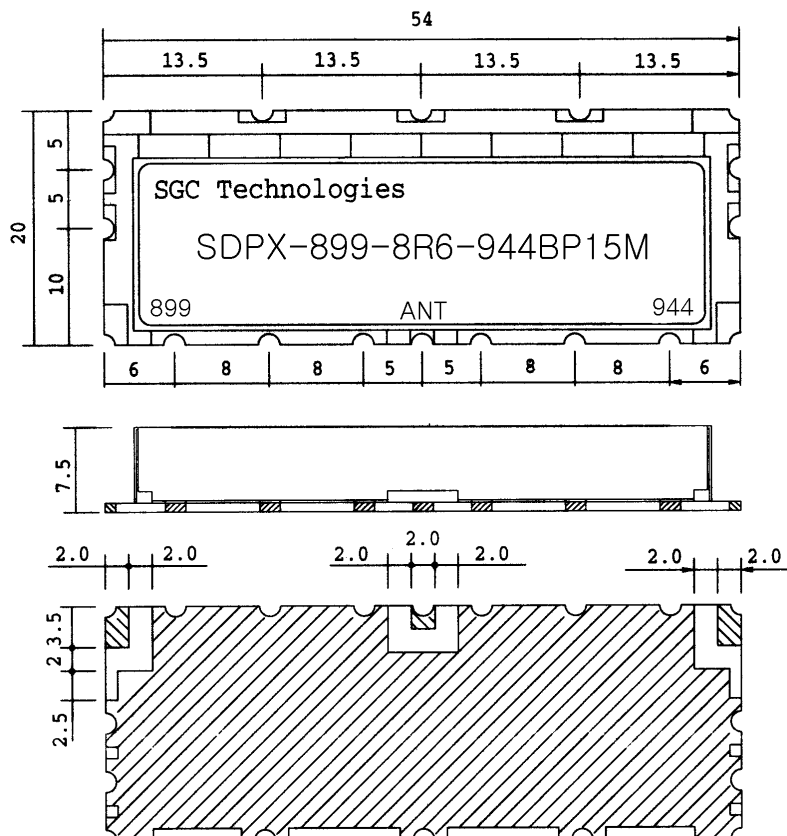
PART NO: SDPX-899-8R6-944BP15M

Center frequency	899 MHz	944 MHz
Pole	4	4
Bandwidth(BW)	Fo \pm 7.5 MHz	Fo \pm 7.5 MHz
Insertion Loss	2.5 dB MAX	2.5 dB MAX
VSWR in BW	1.4 MAX	1.4 MAX
Ripple in BW	1.0 dB MAX	1.0 dB MAX
Attenuation	50dB MIN at 939MHz-951MHz	50dB MIN at 891MHz-906MHz
In/Out Impedance	50 ohm	50 ohm

NOTE:

EQUIPMENT used :HP 8753E

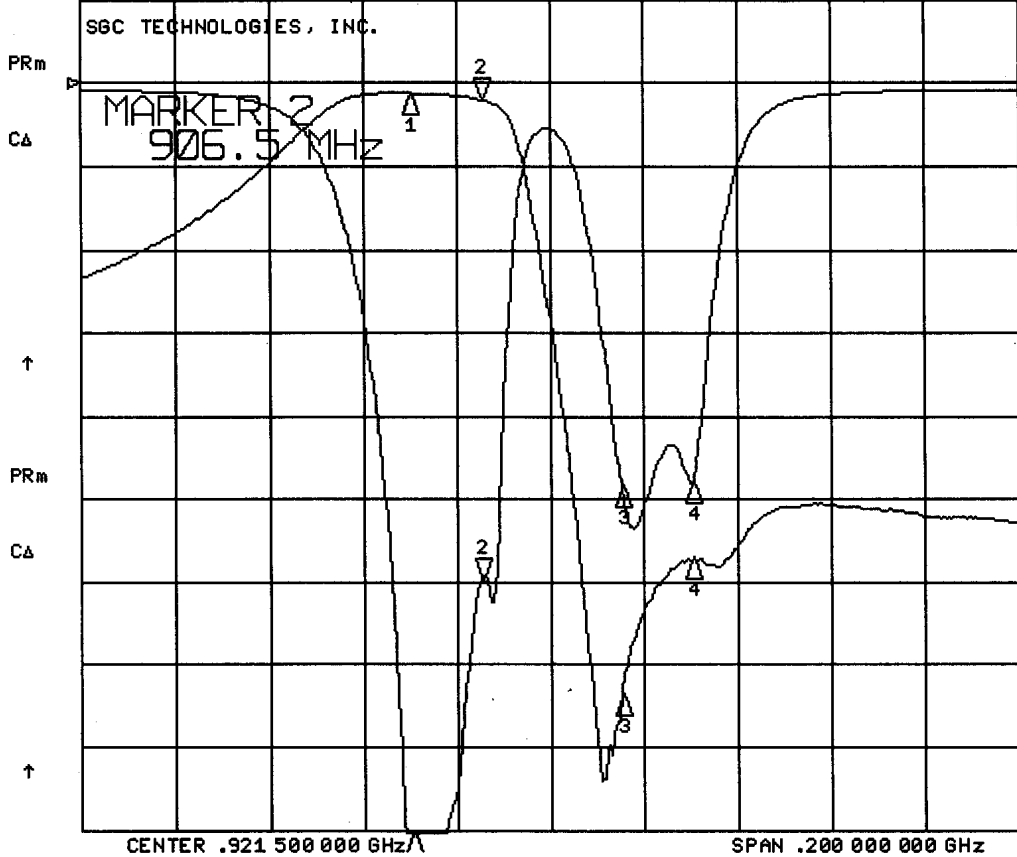
DIMENSION:



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

SDPX-899-8R6-944BP15M

CH1 S11 LOG 5 dB/REF 0 dB 2:-29.966 dB .906 500 000 GHz
 CH2 S21 LOG 10 dB/REF 0 dB 2:-1.9710 dB



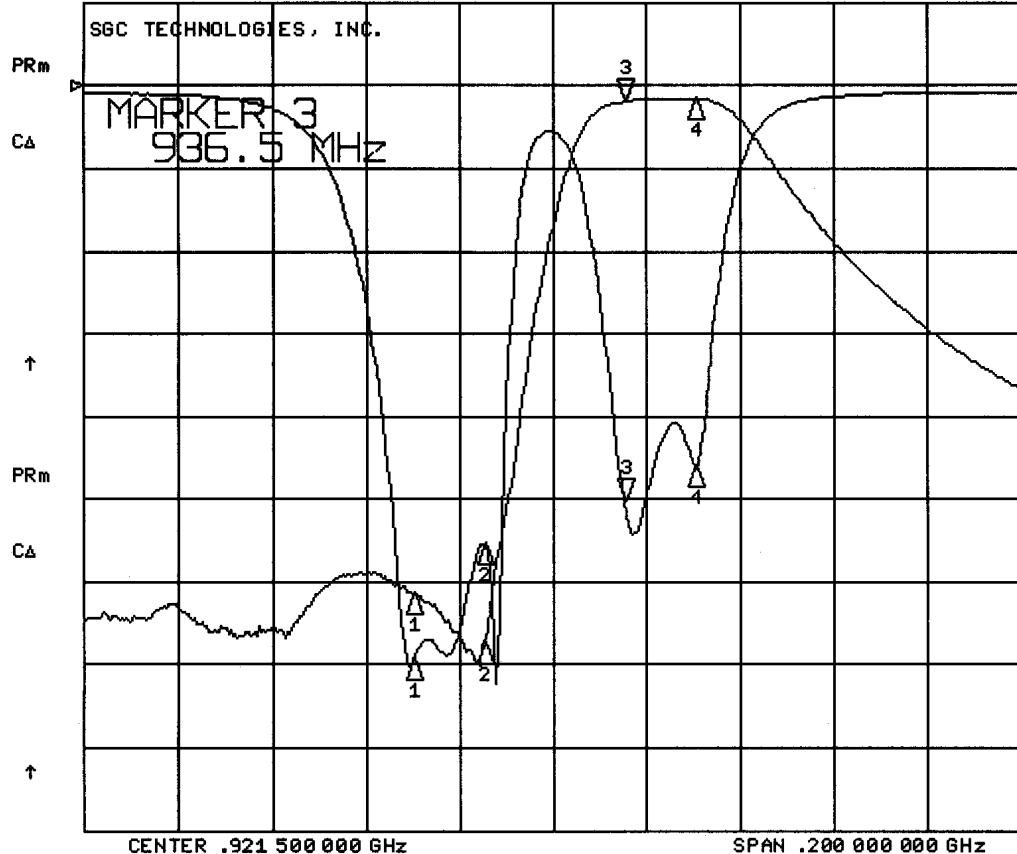
CH1 Markers

1:-56.178 dB
 891.500 MHz
 3:-24.210 dB
 936.500 MHz
 4:-24.071 dB
 951.500 MHz

CH2 Markers

1:-1.1990 dB
 891.500 MHz
 3:-73.633 dB
 936.500 MHz
 4:-57.287 dB
 951.500 MHz

CH1 S11 LOG 5 dB/REF 0 dB 3:-25.078 dB .936 500 000 GHz
 CH2 S21 LOG 10 dB/REF 0 dB 3:-1.8840 dB



CH1 Markers

1:-34.745 dB
 891.500 MHz
 2:-27.683 dB
 906.500 MHz
 4:-23.051 dB
 951.500 MHz

CH2 Markers

1:-61.440 dB
 891.500 MHz
 2:-67.515 dB
 906.500 MHz
 4:-1.5030 dB
 951.500 MHz