

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SDPX-8R8-TYPE

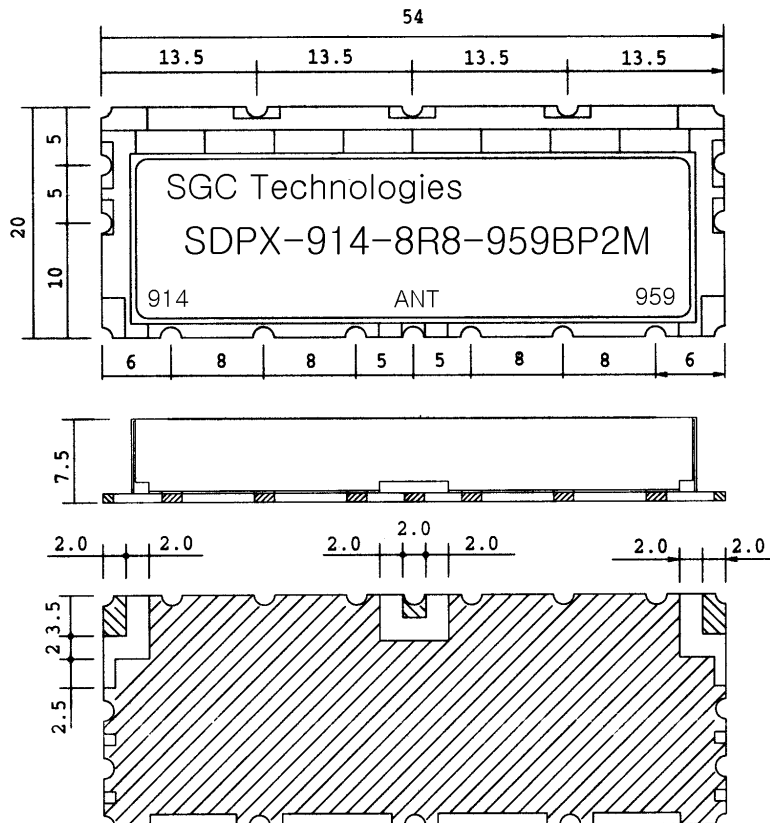
PART NO: SDPX-914-8R8-959BP2M

Center frequency	914 MHz	959 MHz
Pole	4	4
Bandwidth(BW)	F _o ±1MHz	F _o ±1MHz
Insertion Loss	5.0 dB MAX	5.0 dB MAX
VSWR in BW	1.4 MAX	1.4 MAX
Ripple in BW	0.5 dB MAX	0.5 dB MAX
Attenuation	75dB MIN at 958MHz-960 MHz	75dB MIN at 913MHz-915 MHz
In/Out Impedance	50 ohm	50 ohm

NOTE:

EQUIPMENT used :HP 8753E

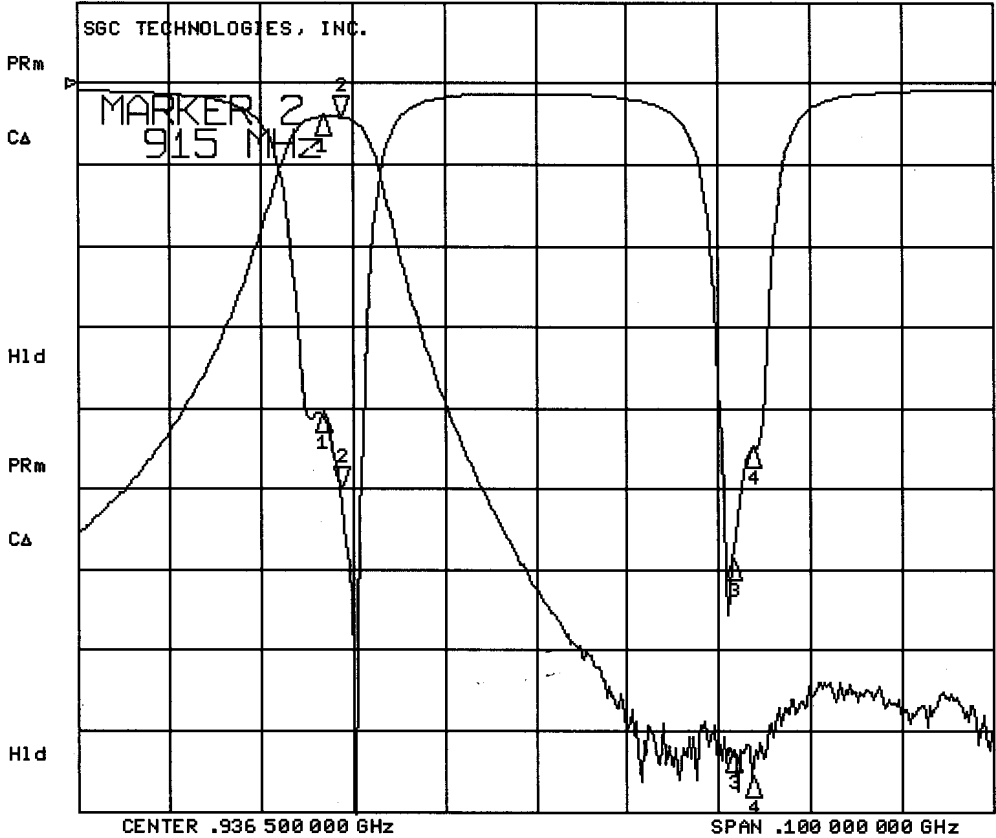
DIMENSION:



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

SDPX-914-8R8-959BP2M

CH1 S11 LOG 5 dB/REF 0 dB 2:-24.946 dB .915 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 2:-4.0940 dB



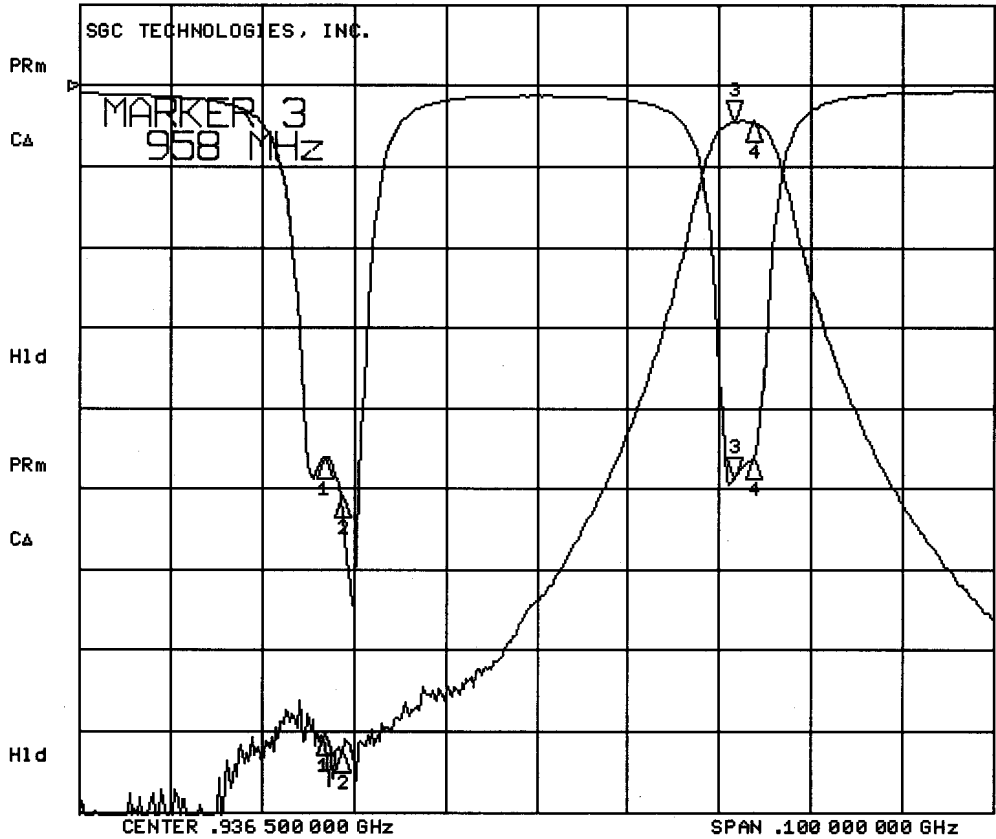
CH1 Markers

- 1:-20.311 dB
913.000 MHz
- 3:-29.407 dB
958.000 MHz
- 4:-22.441 dB
960.000 MHz

CH2 Markers

- 1:-4.0550 dB
913.000 MHz
- 3:-82.577 dB
958.000 MHz
- 4:-85.735 dB
960.000 MHz

CH1 S22 LOG 5 dB/REF 0 dB 3:-24.419 dB .958 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 3:-4.4660 dB



CH1 Markers

- 1:-23.148 dB
913.000 MHz
- 2:-25.587 dB
915.000 MHz
- 4:-23.218 dB
960.000 MHz

CH2 Markers

- 1:-80.541 dB
913.000 MHz
- 2:-82.728 dB
915.000 MHz
- 4:-4.4540 dB
960.000 MHz