

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SDPX-8R8-TYPE

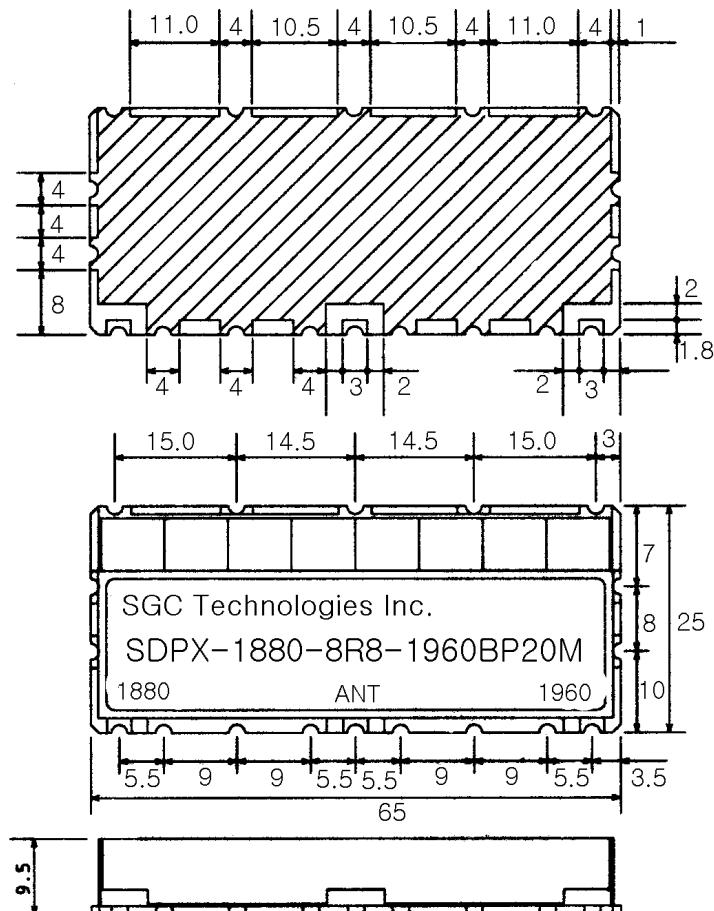
PART NO: SDPX-1880-8R8-1960BP20M

Center frequency	1880 MHz	1960 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 1950MHz-1970MHz	55dB MIN at 1870MHz-1890MHz
In/Out Impedance	50 ohm	50 ohm

NOTE:

EQUIPMENT used :HP 8753E

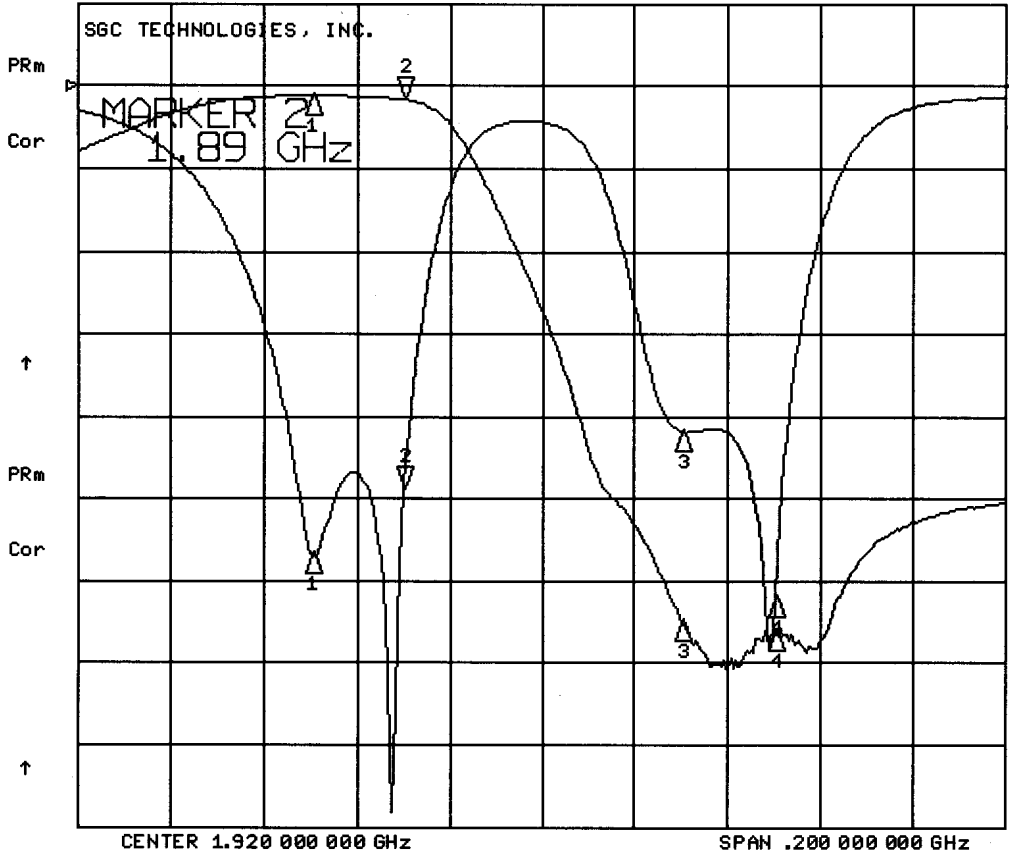
DIMENSION:



Unit : mm

SDPX-1880-8R8-1960BP20M

CH1 S11 LOG 5 dB/REF 0 dB 2:-24.351 dB 1.890 000 000 GHz
 CH2 S21 LOG 10 dB/REF 0 dB 2:-1.6470 dB



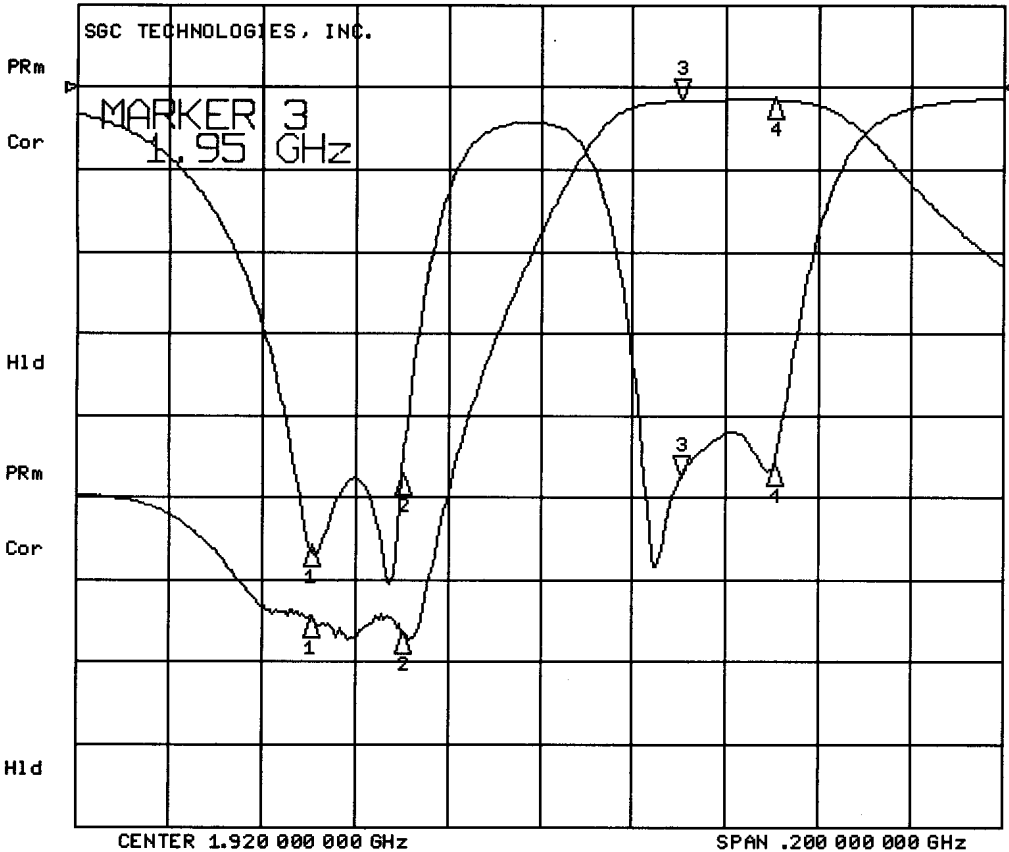
CH1 Markers

- 1:-28.290 dB
1.87000 GHz
- 3:-20.898 dB
1.95000 GHz
- 4:-30.981 dB
1.97000 GHz

CH2 Markers

- 1:-1.1130 dB
1.87000 GHz
- 3:-64.961 dB
1.95000 GHz
- 4:-66.156 dB
1.97000 GHz

CH1 S22 LOG 5 dB/REF 0 dB 3:-23.763 dB 1.950 000 000 GHz
 CH2 S21 LOG 10 dB/REF 0 dB 3:-1.6580 dB



CH1 Markers

- 1:-27.932 dB
1.87000 GHz
- 2:-23.619 dB
1.89000 GHz
- 4:-23.031 dB
1.97000 GHz

CH2 Markers

- 1:-64.657 dB
1.87000 GHz
- 2:-66.526 dB
1.89000 GHz
- 4:-1.4420 dB
1.97000 GHz