

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SDPX-8R8-TYPE

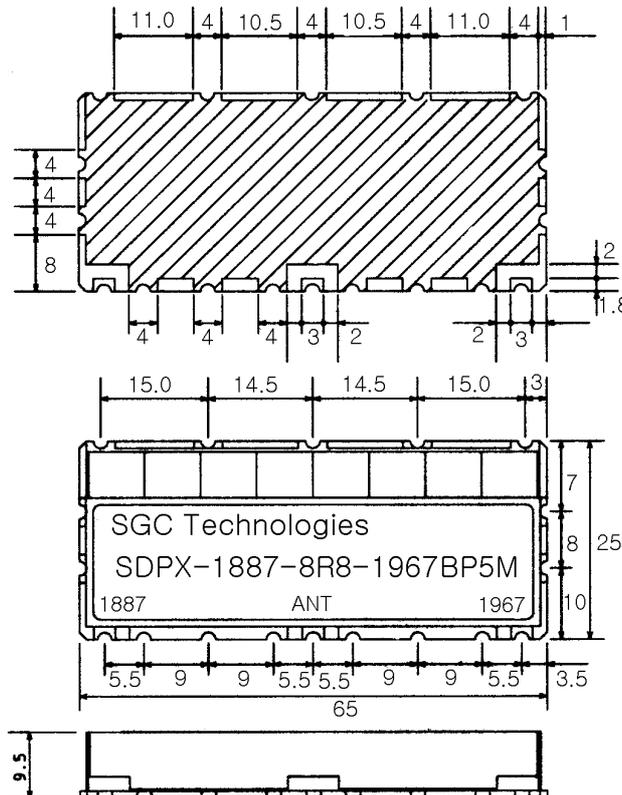
PART NO: SDPX-1887-8R8-1967BP5M

Center frequency	1887.5 MHz	1967.5 MHz
Pole	4	4
Bandwidth(BW)	Fo \pm 2.5 MHz	Fo \pm 2.5 MHz
Insertion Loss	2.5Db max	2.5 dB max
VSWR in BW	1.5 max	1.5 max
Ripple in BW	0.5 dB max	0.5 dB max
Attenuation	60dB min at 1965MHz - 1970MHz	60dB min at 1885MHz - 1890MHz
In/Out Impedance	50 ohm	50 ohm

NOTE:

EQUIPMENT used :HP 8753D

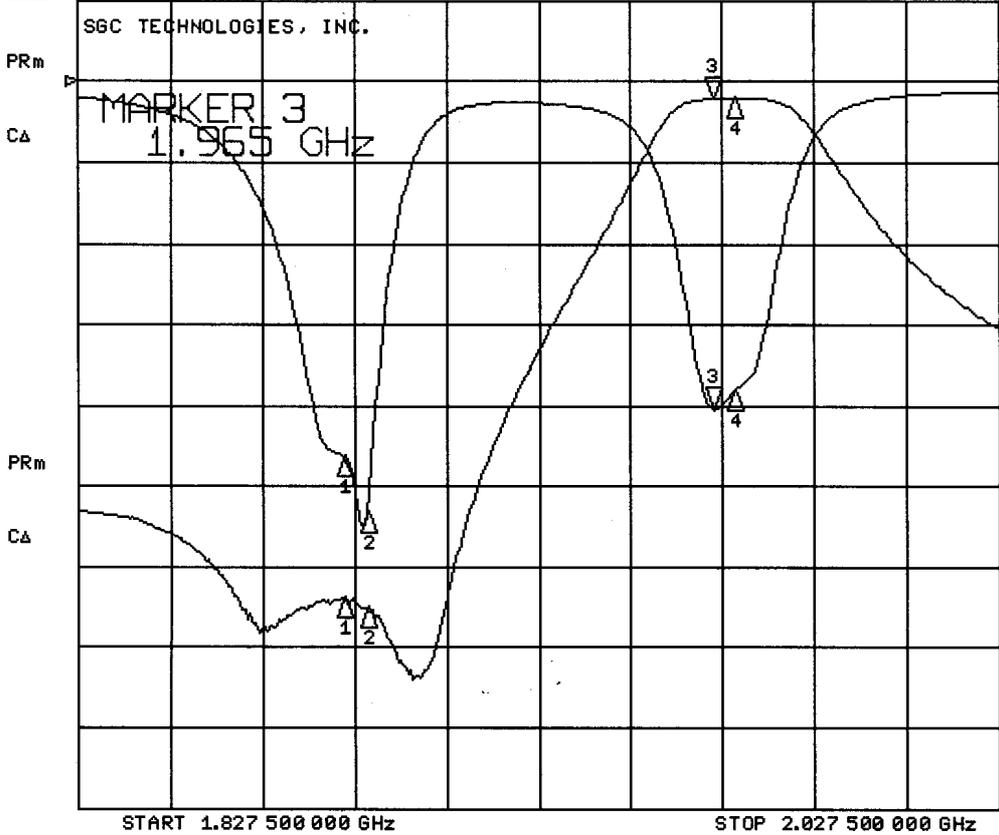
DIMENSION:



Unit : mm

SDPX-1887-8R8-1967BP5M

CH1 S22 LOG 5 dB/REF 0 dB 3:-20.153 dB
 CH2 S21 LOG 10 dB/REF 0 dB 3:-2.1200 dB 1.965 000 000 GHz



CH1 Markers

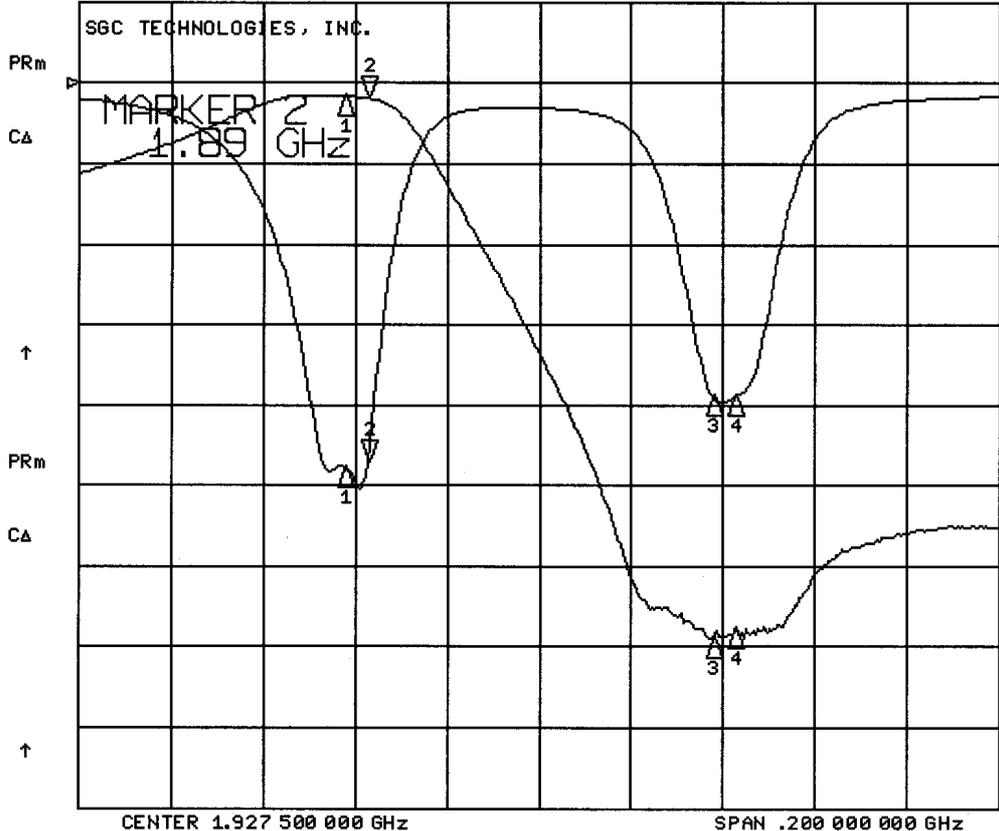
- 1:-23.180 dB
1.88500 GHz
- 2:-26.655 dB
1.89000 GHz
- 4:-19.095 dB
1.97000 GHz

CH2 Markers

- 1:-63.826 dB
1.88500 GHz
- 2:-65.037 dB
1.89000 GHz
- 4:-2.0090 dB
1.97000 GHz

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CH1 S11 LOG 5 dB/REF 0 dB 2:-23.544 dB 1.890 000 000 GHz
 CH2 S21 LOG 10 dB/REF 0 dB 2:-1.8690 dB



CH1 Markers

- 1:-23.844 dB
1.88500 GHz
- 3:-19.410 dB
1.96500 GHz
- 4:-19.480 dB
1.97000 GHz

CH2 Markers

- 1:-1.6250 dB
1.88500 GHz
- 3:-68.830 dB
1.96500 GHz
- 4:-67.717 dB
1.97000 GHz