

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SDPX-8R6-TYPE

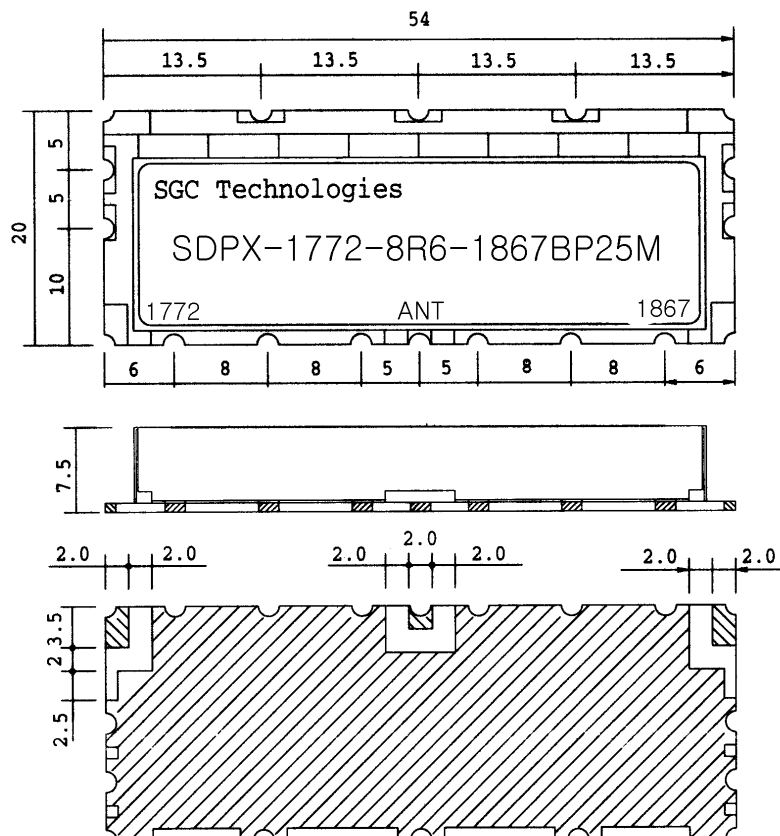
PART NO: SDPX-1772-8R6-1867BP25M

Center frequency	1772 MHz	1867 MHz
Pole	4	4
Bandwidth(BW)	Fo ±12.5 MHz	Fo ±12.5 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	50dB MIN at 1855MHz-1880MHz	50dB MIN at 1760MHz-1785MHz
In/Out Impedance	50 ohm	50 ohm

NOTE:

EQUIPMENT used :HP 8753E

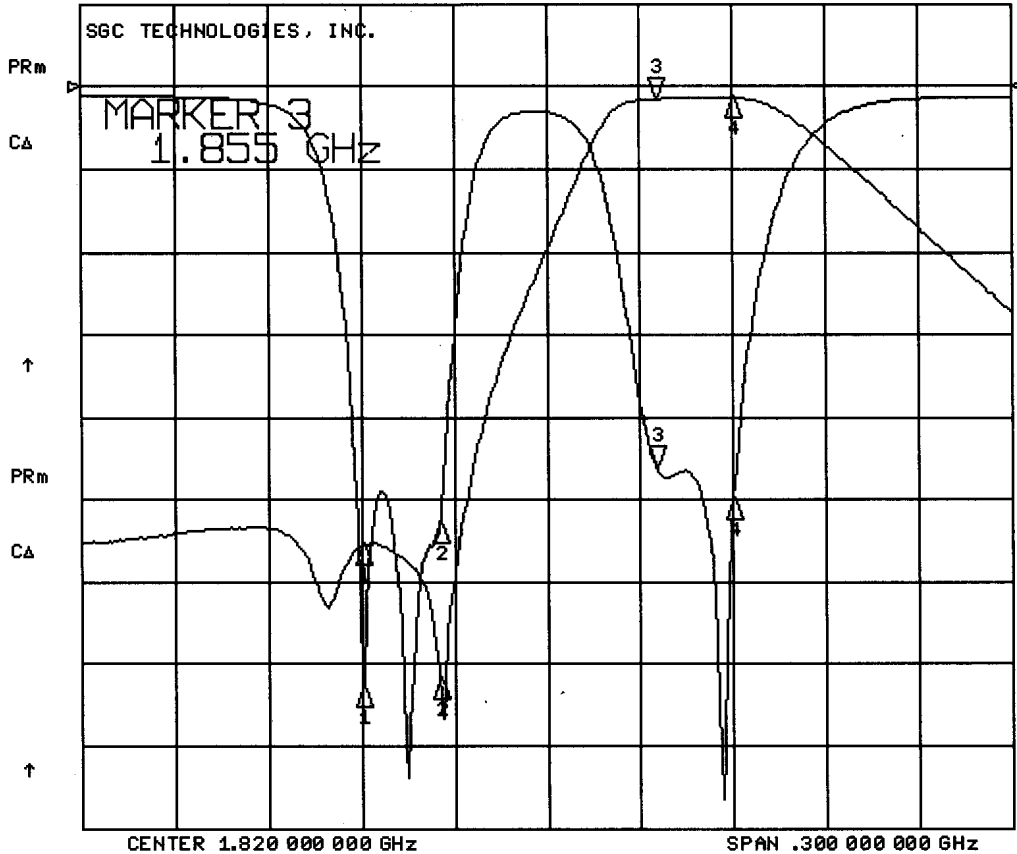
DIMENSION:



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

SDPX-1772-8R6-1867BP25M

[CH1] S22 LOG 5 dB/REF 0 dB 3:-23.056 dB 1.855 000 000 GHz
 CH2 S21 LOG 10 dB/REF 0 dB 3:-1.4960 dB



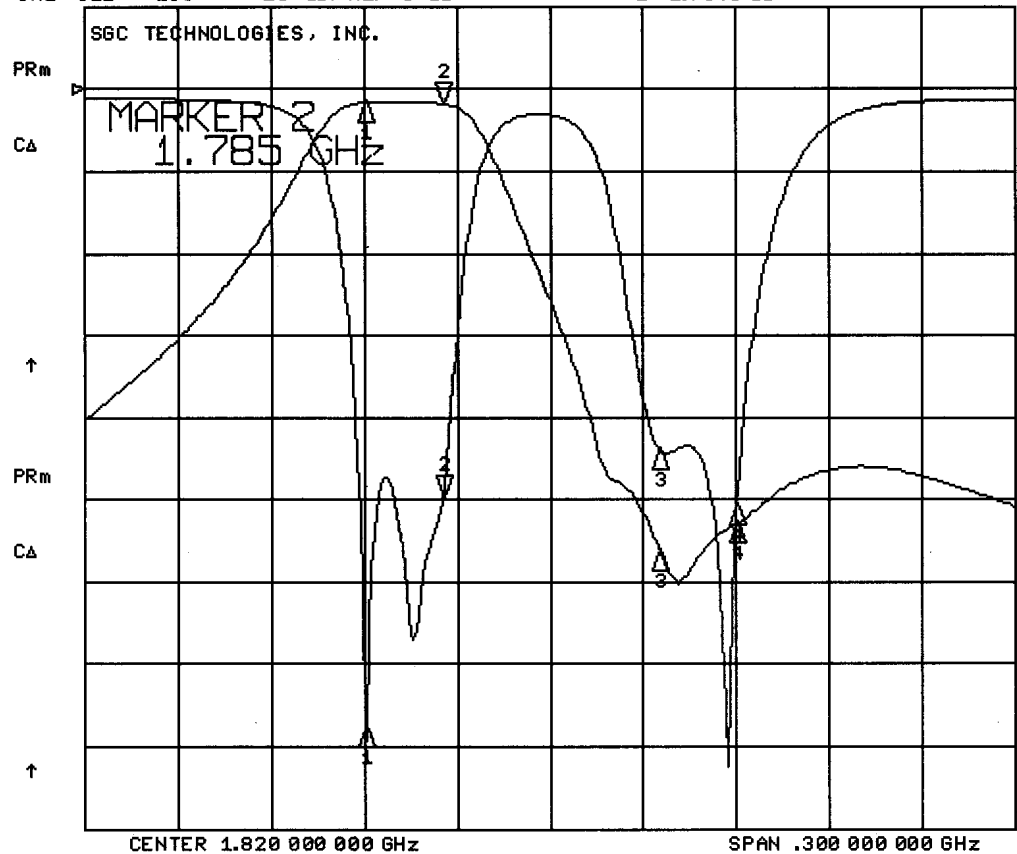
CH1 Markers

- 1:-36.416 dB
1.76000 GHz
- 2:-26.388 dB
1.78500 GHz
- 4:-24.977 dB
1.88000 GHz

CH2 Markers

- 1:-55.536 dB
1.76000 GHz
- 2:-71.924 dB
1.78500 GHz
- 4:-1.3240 dB
1.88000 GHz

[CH1] S22 LOG 5 dB/REF 0 dB 2:-24.894 dB 1.785 000 000 GHz
 CH2 S21 LOG 10 dB/REF 0 dB 2:-1.7840 dB



CH1 Markers

- 1:-38.767 dB
1.76000 GHz
- 3:-21.967 dB
1.85500 GHz
- 4:-25.388 dB
1.88000 GHz

CH2 Markers

- 1:-1.6310 dB
1.76000 GHz
- 3:-56.178 dB
1.85500 GHz
- 4:-52.923 dB
1.88000 GHz