

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SDPX-8R6-TYPE

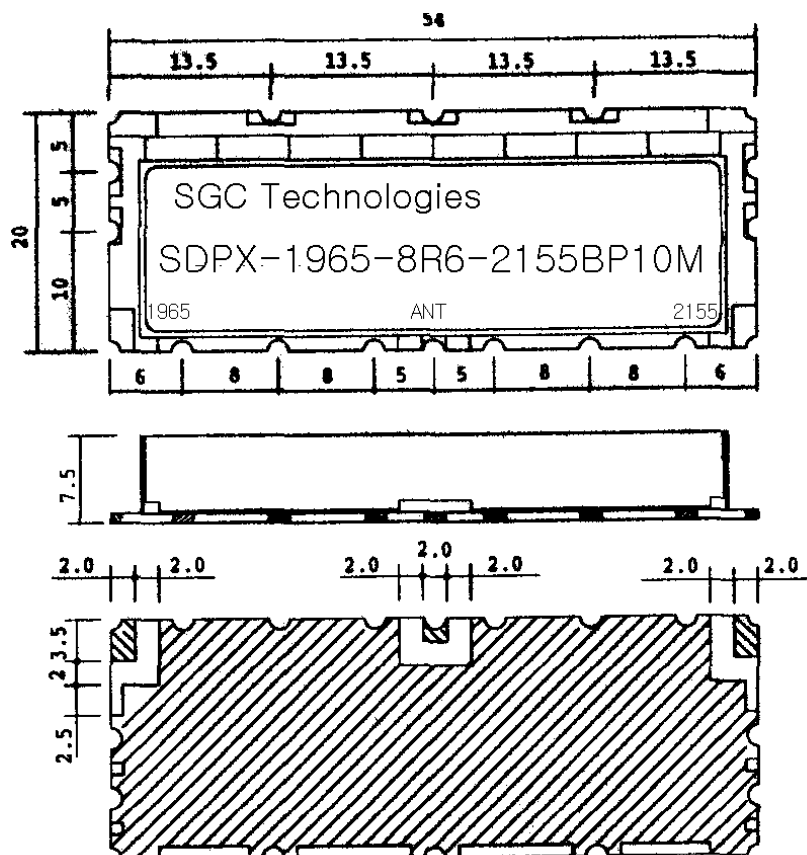
PART NO: SDPX-1965-8R6-2155BP10M

Center frequency	1965 MHz	2155 MHz
Pole	4	4
Bandwidth(BW)	$F_o \pm 5$ MHz	$F_o \pm 5$ MHz
Insertion Loss	2.0 dB max	2.5 dB max
VSWR in BW	1.4 max	1.4 max
Ripple in BW	0.5 dB max	0.5 dB max
Attenuation	60dB min at 2150MHz- 2160MHz	55dB min at 1960MHz-1970MHz
In/Out Impedance	50 ohm	50 ohm

NOTE:

EQUIPMENT used :HP 8753D

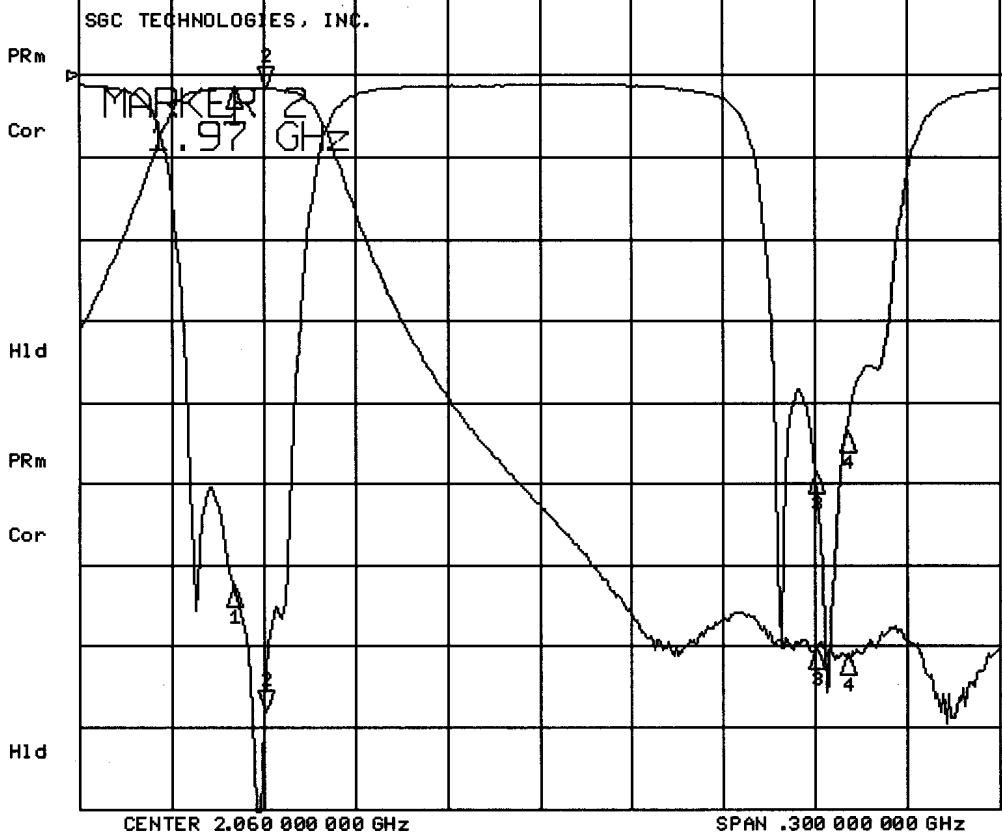
DIMENSION:



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

SDPX-1965-8R6-2155BP10M

CH1 S11 LOG 5 dB/REF 0 dB 2:-39.033 dB 1.970 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 2:-1.5600 dB



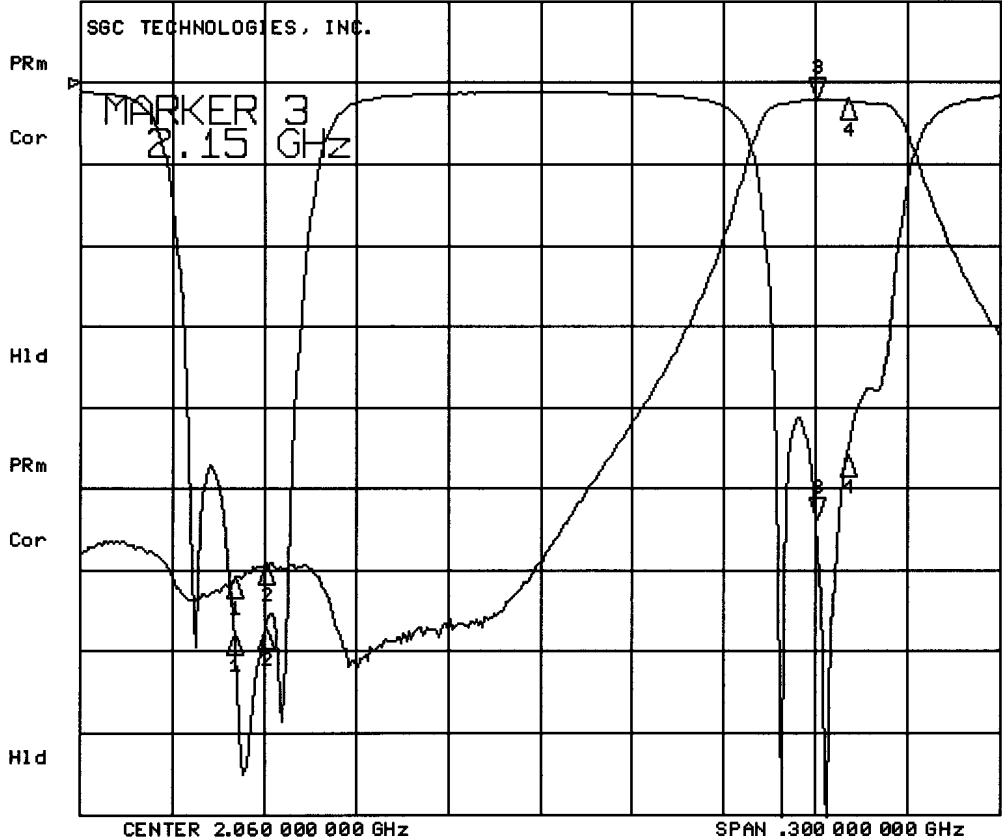
CH1 Markers

- 1:-31.393 dB
1.96000 GHz
- 3:-24.346 dB
2.15000 GHz
- 4:-21.819 dB
2.16000 GHz

CH2 Markers

- 1:-1.6320 dB
1.96000 GHz
- 3:-70.263 dB
2.15000 GHz
- 4:-71.040 dB
2.16000 GHz

CH1 S22 LOG 5 dB/REF 0 dB 3:-26.874 dB 2.150 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 3:-2.0220 dB



CH1 Markers

- 1:-34.016 dB
1.96000 GHz
- 2:-33.604 dB
1.97000 GHz
- 4:-23.045 dB
2.16000 GHz

CH2 Markers

- 1:-61.052 dB
1.96000 GHz
- 2:-59.450 dB
1.97000 GHz
- 4:-2.1700 dB
2.16000 GHz