

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-8R4 TYPE

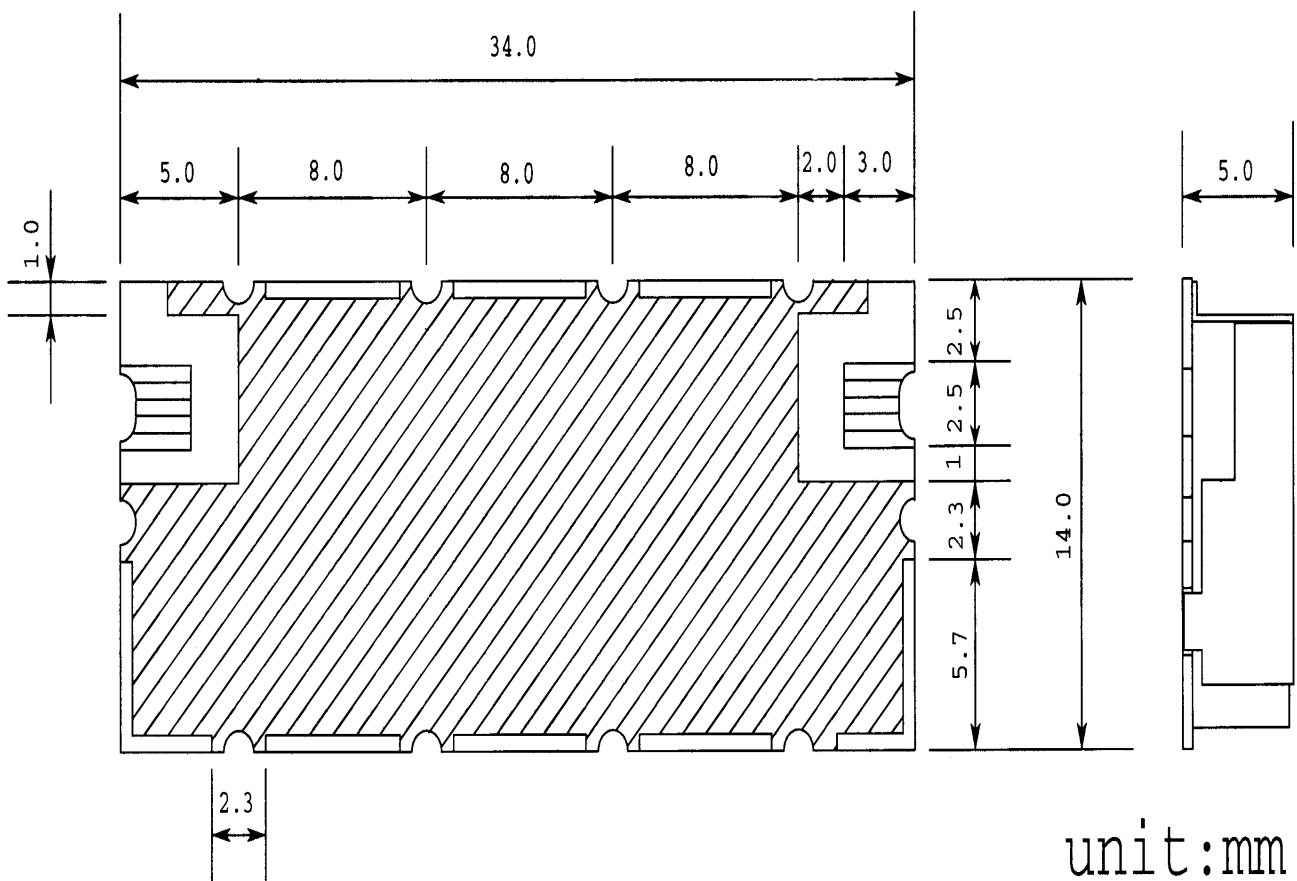
PART NO: SBP-8R4-3972BP10C

Center frequency	3972 MHz
Pole	8
Band width (BW)	10 MHz
Insertion Loss	14.0 dB max
VSWR in BW	1.5 max
Ripple in BW	1.0 dB max
Attenuation	7dBc min at $F_o \pm 18$ MHz
In/Out Impedance	50 ohm

NOTE:

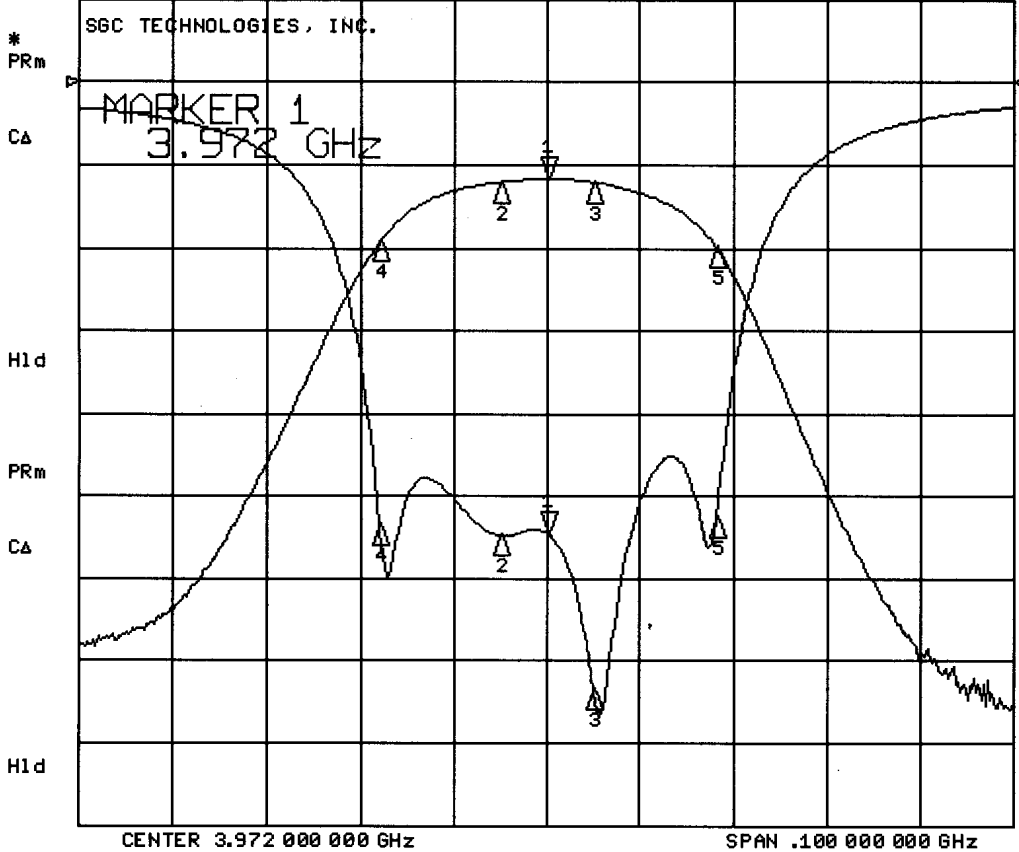
EQUIPMENT used :HP 8753D

DIMENSION:



SBP-8R4-3972BP10C

CH1 S11 LOG 5 dB/REF 0 dB 1:-27.238 dB 3.972 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1:-11.735 dB



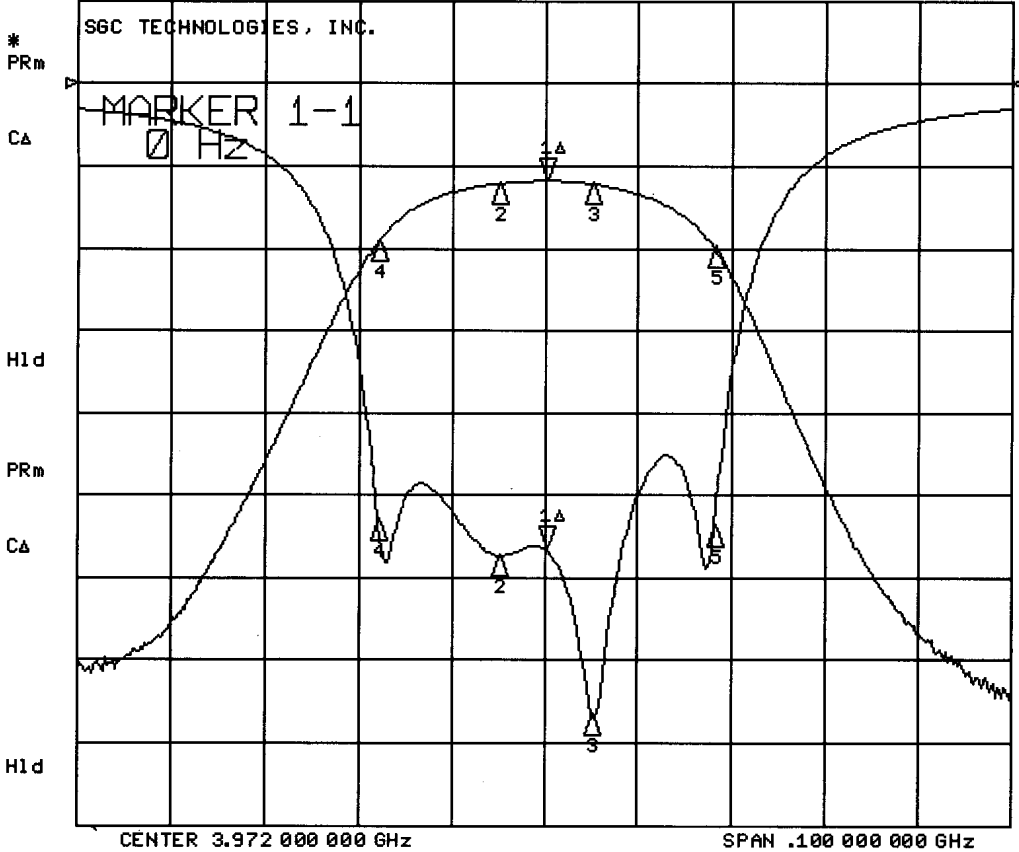
CH1 Markers

- 2:-27.395 dB
3.96700 GHz
- 3:-36.708 dB
3.97700 GHz
- 4:-26.820 dB
3.95400 GHz
- 5:-26.257 dB
3.99000 GHz

CH2 Markers

- 2:-12.076 dB
3.96700 GHz
- 3:-12.081 dB
3.97700 GHz
- 4:-19.248 dB
3.95400 GHz
- 5:-19.766 dB
3.99000 GHz

CH1 S11 LOG 5 dB/REF 0 dB 1: 0.0000 dB 0.000 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1: 0.0000 dB



CH1 Markers

- ΔREF=1
- 2:-.47300 dB
-5.00000 MHz
 - 3:-10.004 dB
5.00000 MHz
 - 4: 1.6700 dB
-18.0000 MHz
 - 5: 1.3310 dB
18.0000 MHz

CH2 Markers

- 2:-.32800 dB
-5.00000 MHz
- 3:-.36900 dB
5.00000 MHz
- 4:-7.4050 dB
-18.0000 MHz
- 5:-8.1150 dB
18.0000 MHz