

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-3R3 TYPE

PART NO: SBP-3R3-2140BP60A

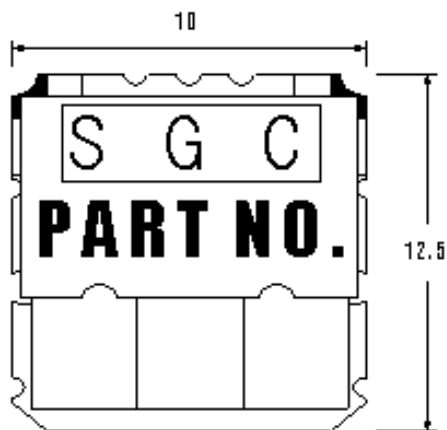
Center frequency	2140MHz
Pole	3
Bandwidth(BW)	$F_o \pm 30\text{MHz}$
Insertion Loss in BW	3.0dB max
V.S.W.R	1.4 max
Ripple in BW	0.3dB max
Attenuation	25dBc MIN at 1920MHz 25dBc MIN at 1980MHz
In/Out Impedance	50 ohm

NOTE:

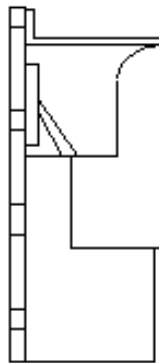
EQUIPMENT used :HP 8753E

DIMENSION:

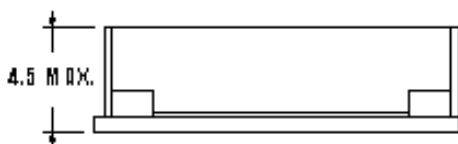
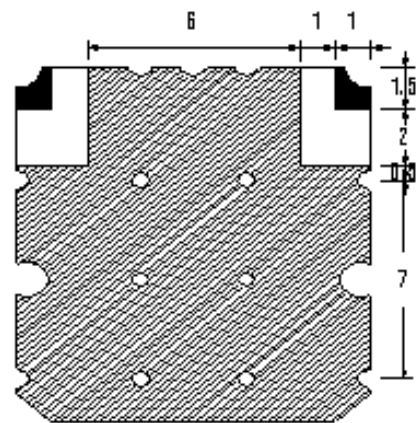
TOP VIEW



SIDE VIEW



BOTTOM VIEW

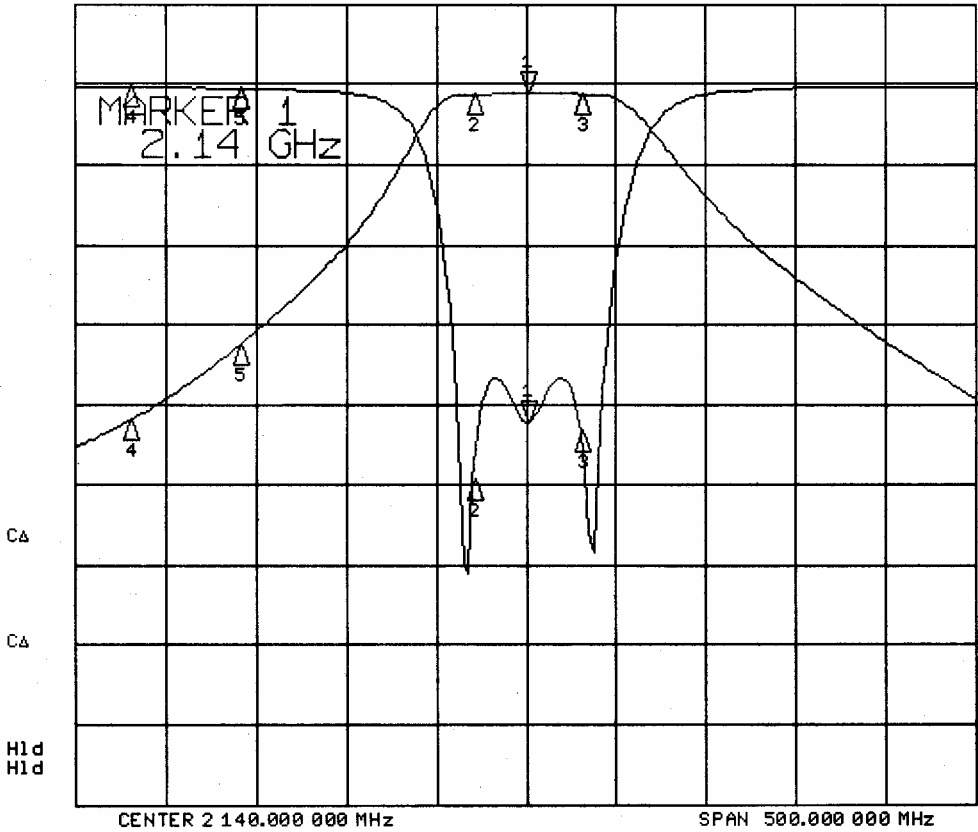


TOLERANCE UNLESS OTHERWISE SPECIFIED : ±0.3
DIMENSIONS : mm

 **GROUND**
 **I/O PORT**

SBP-3R3-2140BP60A

CH2 S32 LOG 10 dB/REF 0 dB 1:-.98960 dB 2 140.000 000 MHz
 CH4 S22 LOG 5 dB/REF 0 dB 1:-21.163 dB 2 140.000 000 MHz

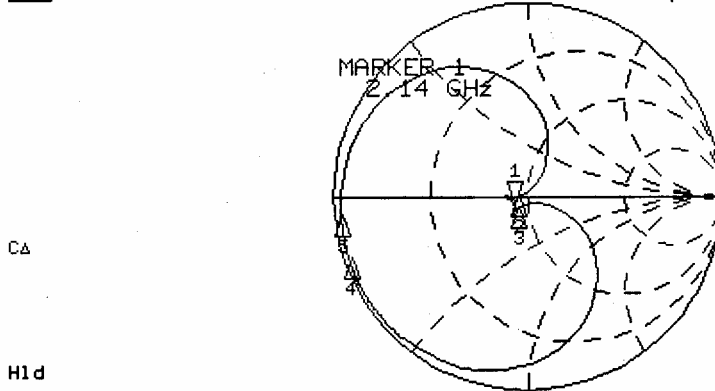


CH2 Markers
 2:-1.2764 dB
2.11000 GHz
 3:-1.2029 dB
2.17000 GHz
 4:-41.959 dB
1.92000 GHz
 5:-32.607 dB
1.98000 GHz

CH4 Markers
 2:-24.692 dB
2.11000 GHz
 3:-21.670 dB
2.17000 GHz
 4:-22.290 dB
1.92000 GHz
 5:-31.200 dB
1.98000 GHz

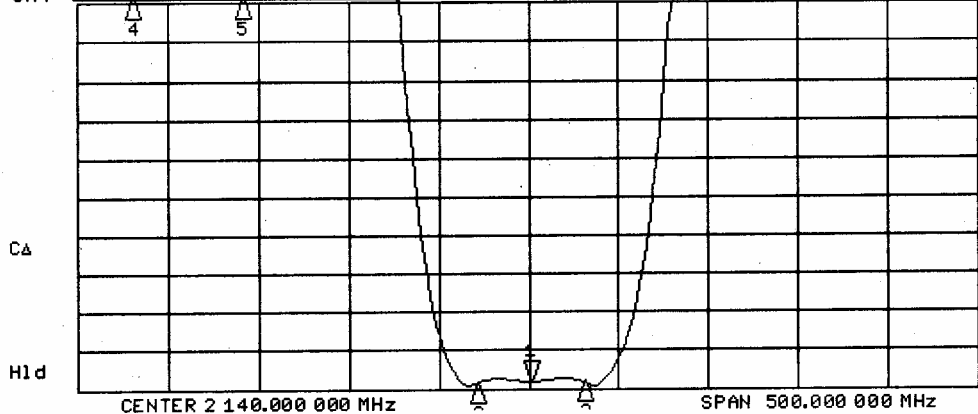
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CH2 S22 1 U FS 1: 42.951 Ω -2.5254 Ω 29.449 pF 2 140.000 000 MHz



CH2 Markers
 2: 44.473 Ω
-437.50 m Ω
2.11000 GHz
 3: 44.570 Ω
-5.3906 Ω
2.17000 GHz
 4: 689.45 m Ω
-8.5156 Ω
1.92000 GHz
 5: 911.01 m Ω
-2.6139 Ω
1.98000 GHz

CH4 S22 SWR 1 / REF 1 1: 1.1750 2 140.000 000 MHz



CH4 Markers
 2: 1.1247
2.11000 GHz
 3: 1.1758
2.17000 GHz
 4: 74.582
1.92000 GHz
 5: 55.029
1.98000 GHz