

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-4R6 TYPE

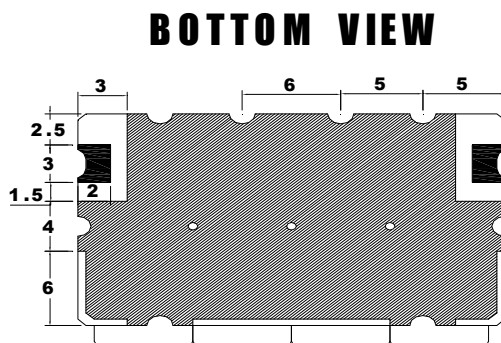
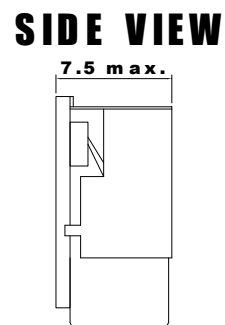
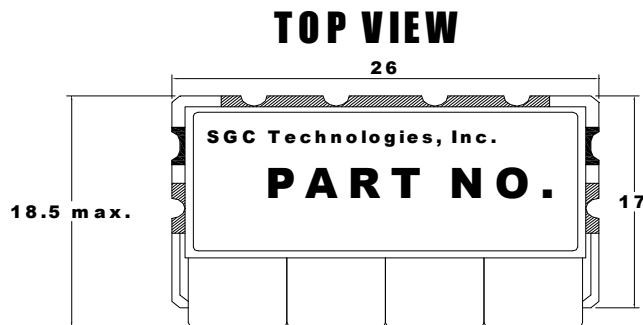
PART NO: SBP-4R6-829BP11M

Center frequency	829.5MHz
Pole	4
Bandwidth(BW)	$F_o \pm 5.5\text{MHz}$
Insertion Loss in BW	5.0 max
V.S.W.R	2.0 max
Ripple in BW	1.0 dB max
Attenuation	35 dB min at 869MHz ~ 894MHz 25 dB min at 200MHz ~ 815MHz
In/Out Impedance	50 ohm

NOTE:

EQUIPMENT used :HP 8753E

DIMENSION:



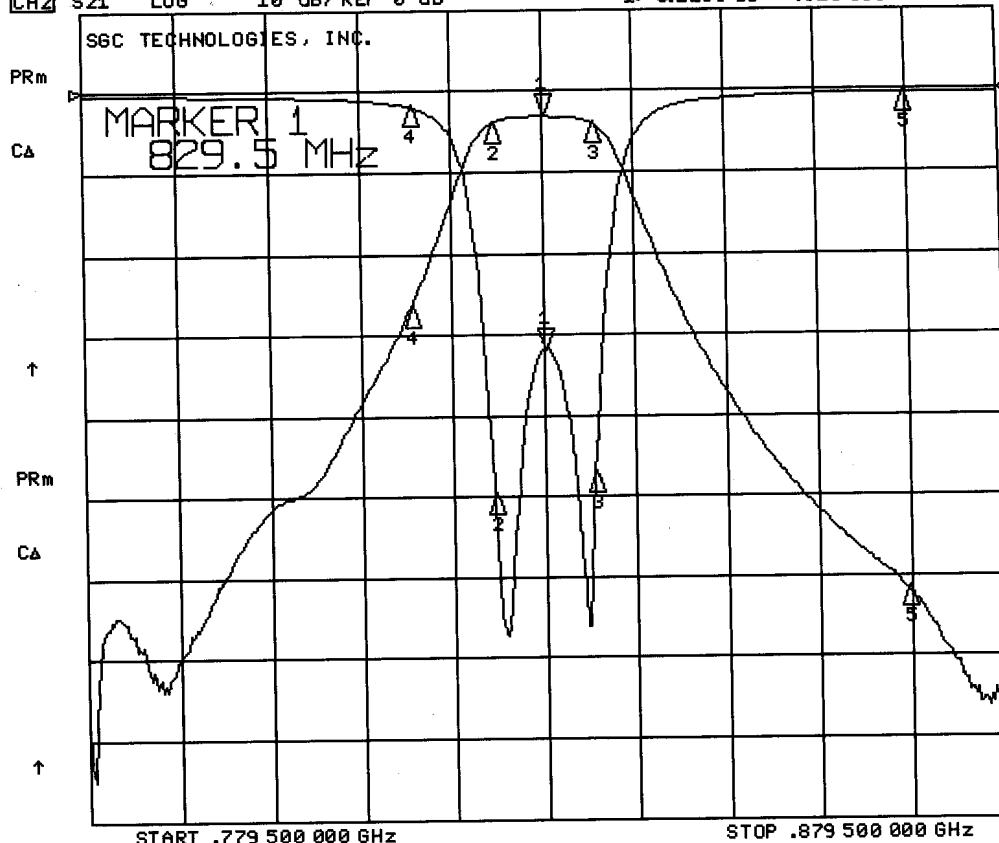
**TOLERANCE UNLESS
OTHERWISE SPECIFIED : ± 0.3
DIMENSIONS : mm**

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

SBP-4R6-829BP11M

22 Oct 2003 15:19:52

CH1 S11 LOG 5 dB/REF 0 dB 1:-15.890 dB
CH2 S21 LOG 10 dB/REF 0 dB 1:-3.1230 dB .829 500 000 GHz



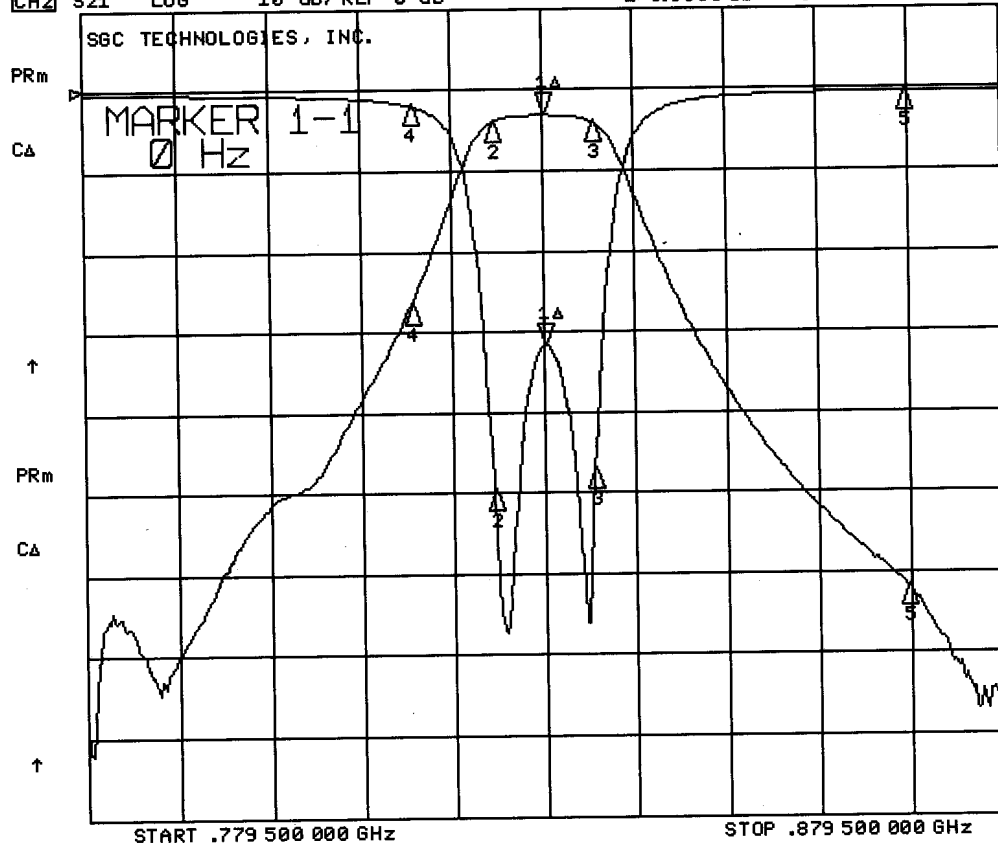
CH1 Markers

2:-24.870 dB
824.000 MHz
3:-23.512 dB
835.000 MHz
4:-94600 dB
815.000 MHz
5:-17400 dB
869.000 MHz

CH2 Markers

2:-4.0150 dB
824.000 MHz
3:-4.0340 dB
835.000 MHz
4:-26.556 dB
815.000 MHz
5:-61.570 dB
869.000 MHz

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



CH1 Markers

2:-8.9870 dB
-5.50000 MHz
3:-7.6570 dB
5.50000 MHz
4: 14.939 dB
-14.5000 MHz
5: 15.715 dB
39.5000 MHz

CH2 Markers

ΔREF=1
2:-.89800 dB
-5.50000 MHz
3:-.89100 dB
5.50000 MHz
4:-23.427 dB
-14.5000 MHz
5:-58.496 dB
39.5000 MHz