

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SBP-4R4L TYPE

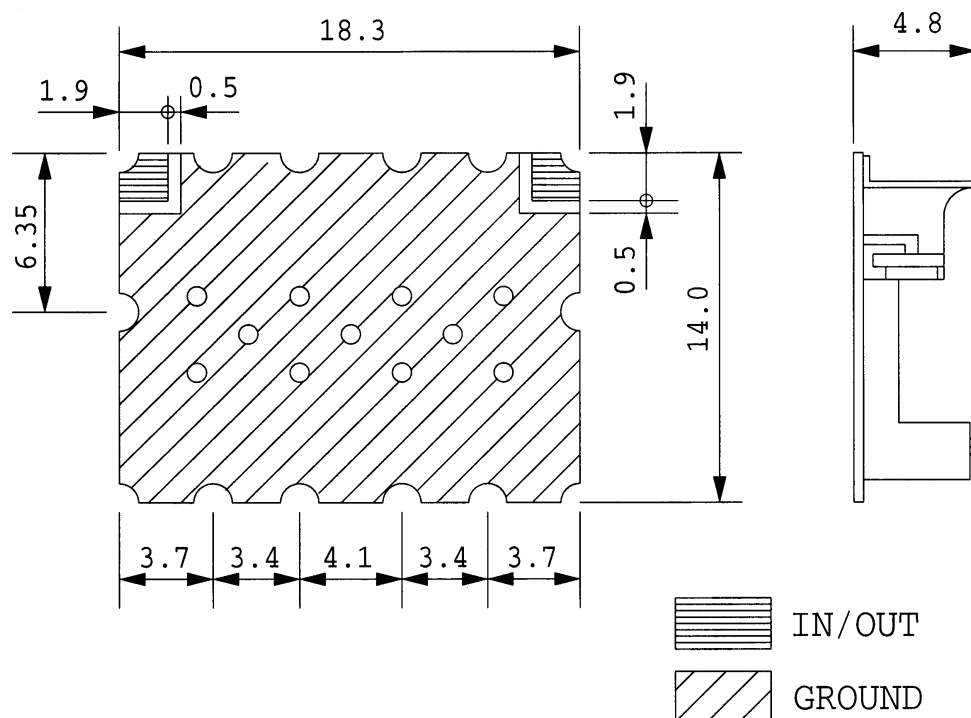
PART NO: SBP-4R4-2790BP28A

Center frequency	2790MHz
Pole	4
Bandwidth(BW)	$F_o \pm 14 \text{ MHz}$
Insertion Loss	3.0 dB MAX
VSWR in BW	1.5 MAX
Ripple in BW	0.3 dB MAX
Attenuation	45dBc min at $F_o \pm 250\text{MHz}$
	45dBc min at $F_o \pm 350\text{MHz}$
In/Out Impedance	50 ohm

NOTE:

EQUIPMENT used :HP 8753E

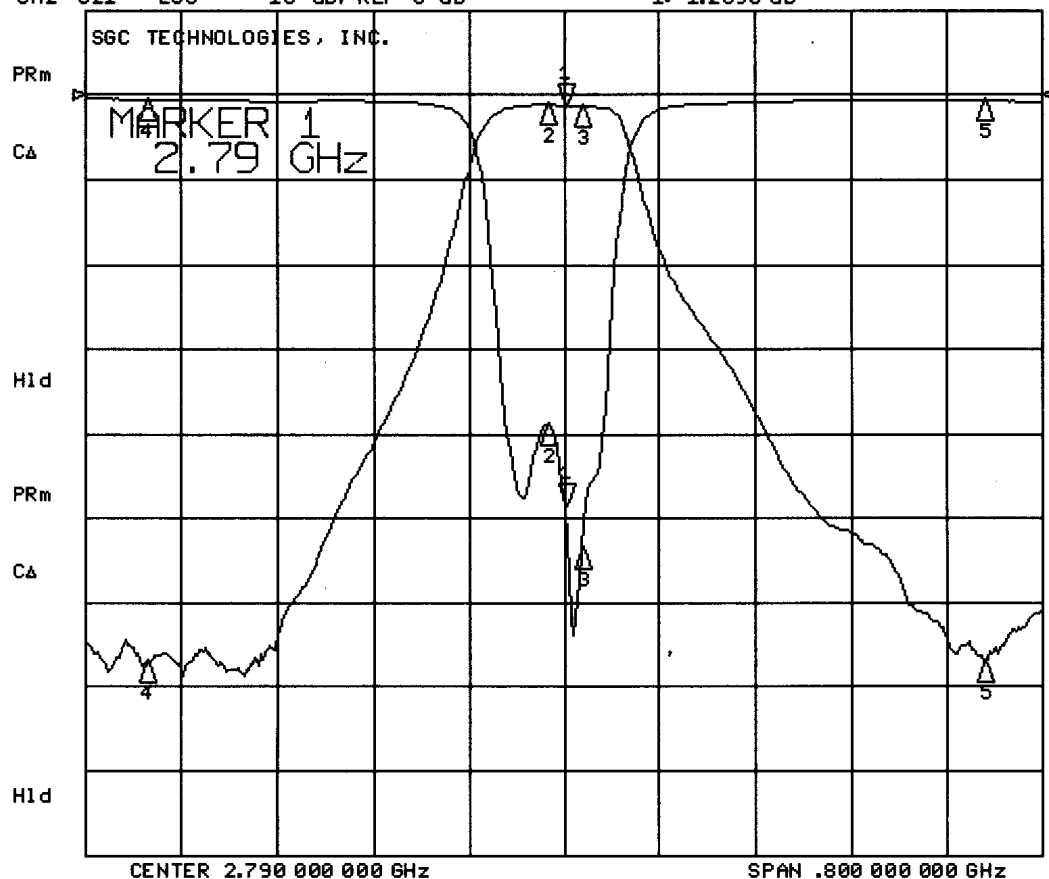
DIMENSION:



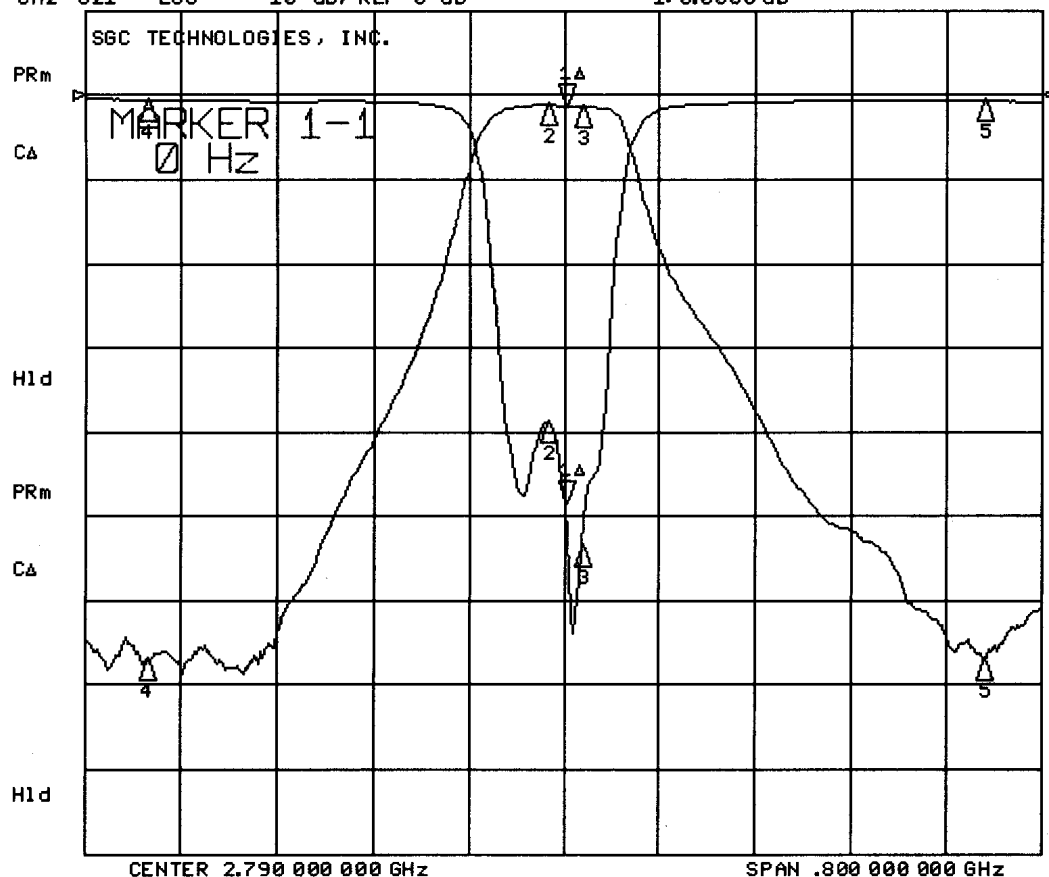
Unit:mm

SBP-4R4-2790BP28A

CH1 S11 LOG 5 dB/REF 0 dB 1:-24.300 dB 2.790 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1:-1.2390 dB

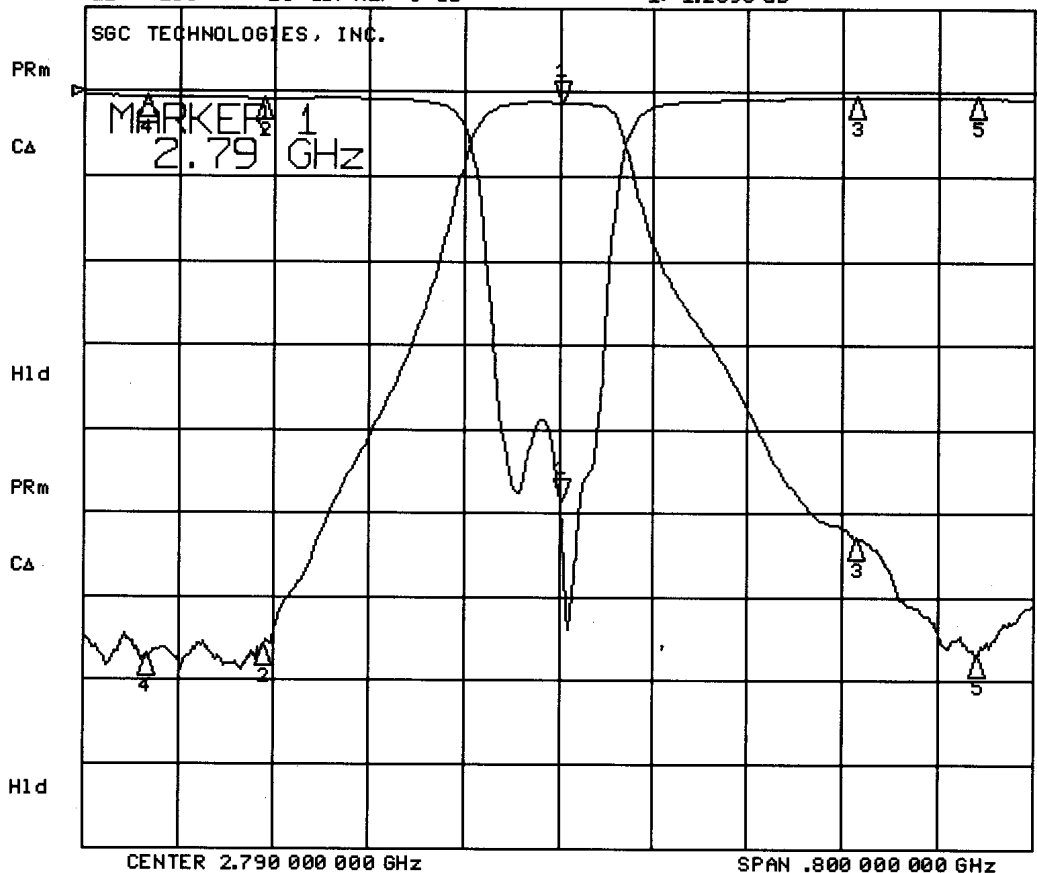


CH1 S11 LOG 5 dB/REF 0 dB 1: 0.0000 dB 0.000 000 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 1: 0.0000 dB



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CH2 S21 LOG 10 dB/REF 0 dB 1:-1.2390 dB



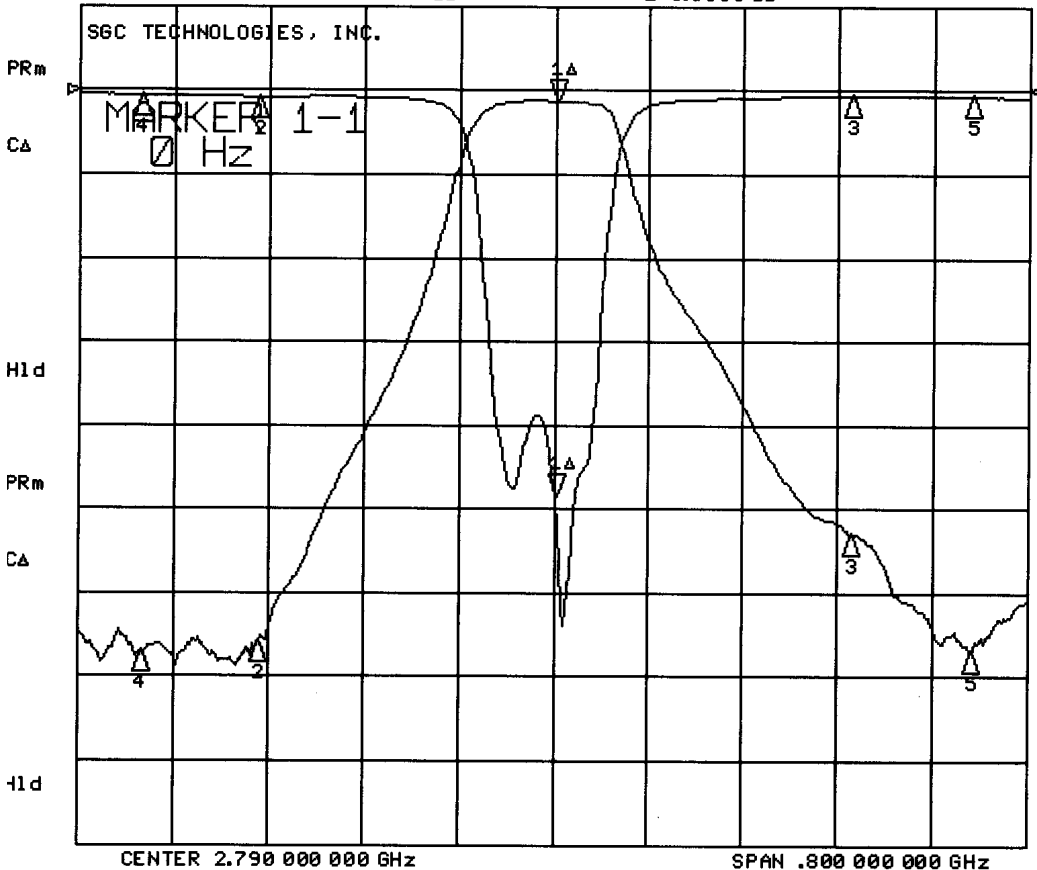
CH1 Markers

2:-40.000 dB
2.54000 GHz
3:-29.400 dB
3.04000 GHz
4:-28.100 dB
2.44000 GHz
5:-30.200 dB
3.14000 GHz

CH2 Markers

2:-65.823 dB
2.54000 GHz
3:-52.980 dB
3.04000 GHz
4:-67.115 dB
2.44000 GHz
5:-66.964 dB
3.14000 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: 23.900 dB
-250.000 MHz
3: 24.006 dB
250.000 MHz
4: 24.019 dB
-350.000 MHz
5: 23.998 dB
350.000 MHz

CH2 Markers

2:-64.584 dB
-250.000 MHz
3:-51.741 dB
250.000 MHz
4:-65.877 dB
-350.000 MHz
5:-65.725 dB
350.000 MHz