

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

PRODUCT NAME: SDPX-8R6-TYPE

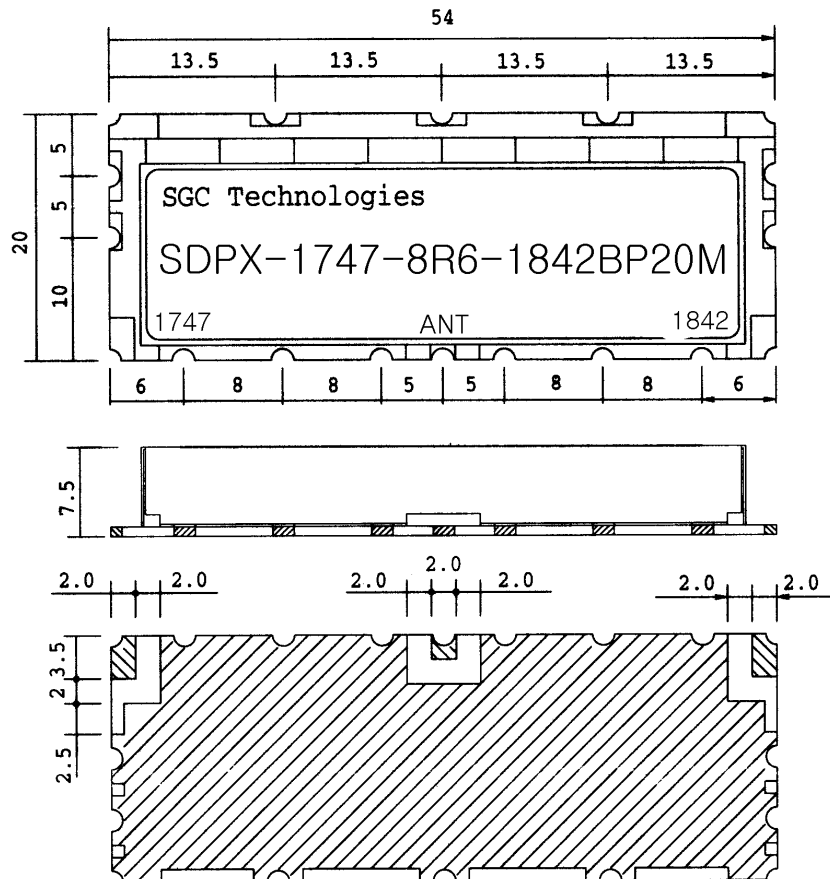
PART NO: SDPX-1747-8R6-1842BP20M

| | | |
|------------------|---------------------------------|---------------------------------|
| Center frequency | 1747.5 MHz | 1842.5 MHz |
| Pole | 4 | 4 |
| Bandwidth(BW) | Fo ±10 MHz | Fo ±10 MHz |
| Insertion Loss | 2.0 dB MAX | 2.0 dB MAX |
| VSWR in BW | 1.4 MAX | 1.4 MAX |
| Ripple in BW | 0.5 dB MAX | 0.5 dB MAX |
| Attenuation | 50dB MIN at 1832.5MHz-1852.5MHz | 55dB MIN at 1737.5MHz-1757.5MHz |
| In/Out Impedance | 50 ohm | 50 ohm |

NOTE:

EQUIPMENT used :HP 8753E

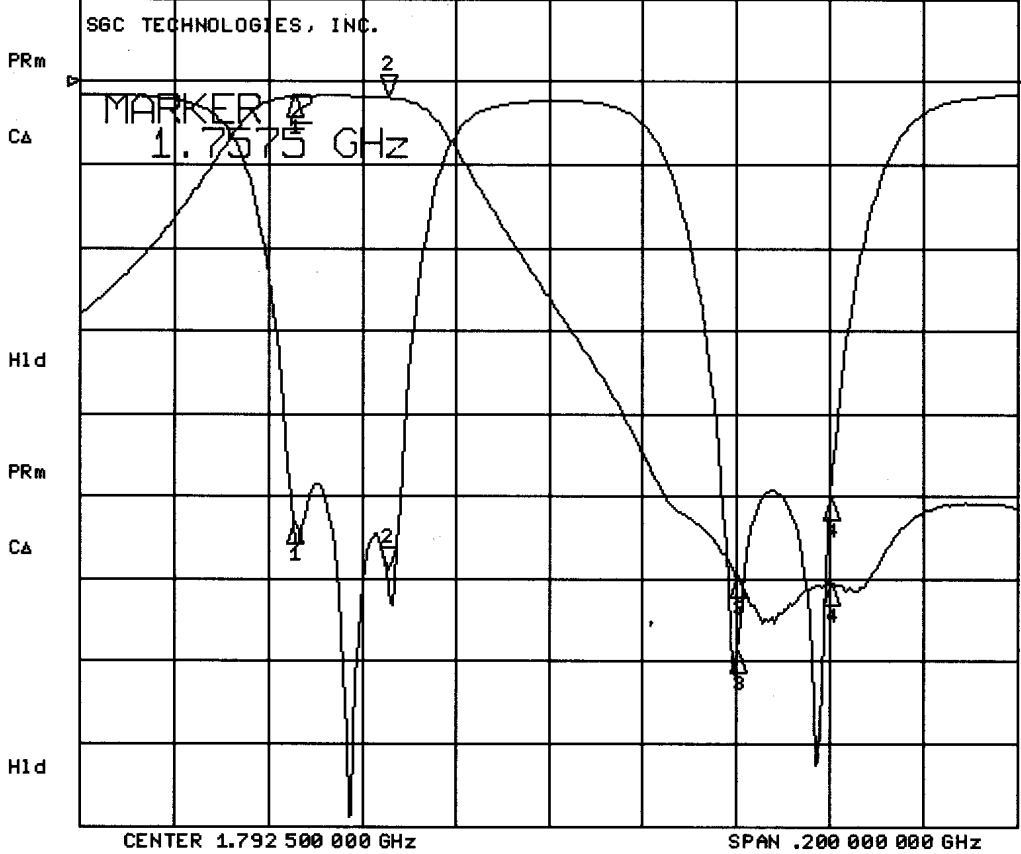
DIMENSION:



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

SDPX-1747-8R6-1842BP20M

CH1 S11 LOG 5 dB/REF 0 dB 2:-29.460 dB 1.757500 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 2:-1.9150 dB



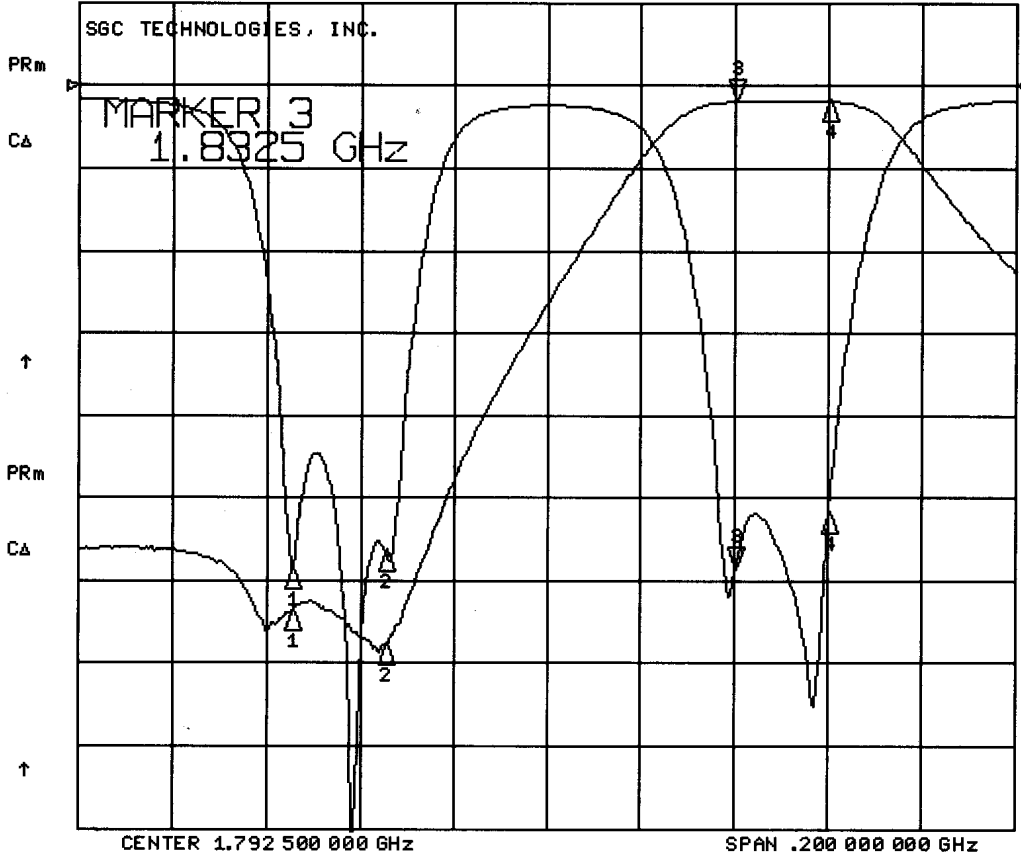
CH1 Markers

1:-26.651 dB
 1.73750 GHz
 3:-34.431 dB
 1.83250 GHz
 4:-25.159 dB
 1.85250 GHz

CH2 Markers

1:-1.8400 dB
 1.73750 GHz
 3:-59.763 dB
 1.83250 GHz
 4:-60.737 dB
 1.85250 GHz

CH1 S22 LOG 5 dB/REF 0 dB 3:-29.302 dB 1.832500 000 GHz
CH2 S21 LOG 10 dB/REF 0 dB 3:-1.8550 dB



CH1 Markers

1:-29.337 dB
 1.73750 GHz
 2:-28.205 dB
 1.75750 GHz
 4:-25.896 dB
 1.85250 GHz

CH2 Markers

1:-63.566 dB
 1.73750 GHz
 2:-67.818 dB
 1.75750 GHz
 4:-1.8250 dB
 1.85250 GHz