

# SGC Technologies, Inc.

## PRODUCT SPECIFICATION FOR INFORMATION

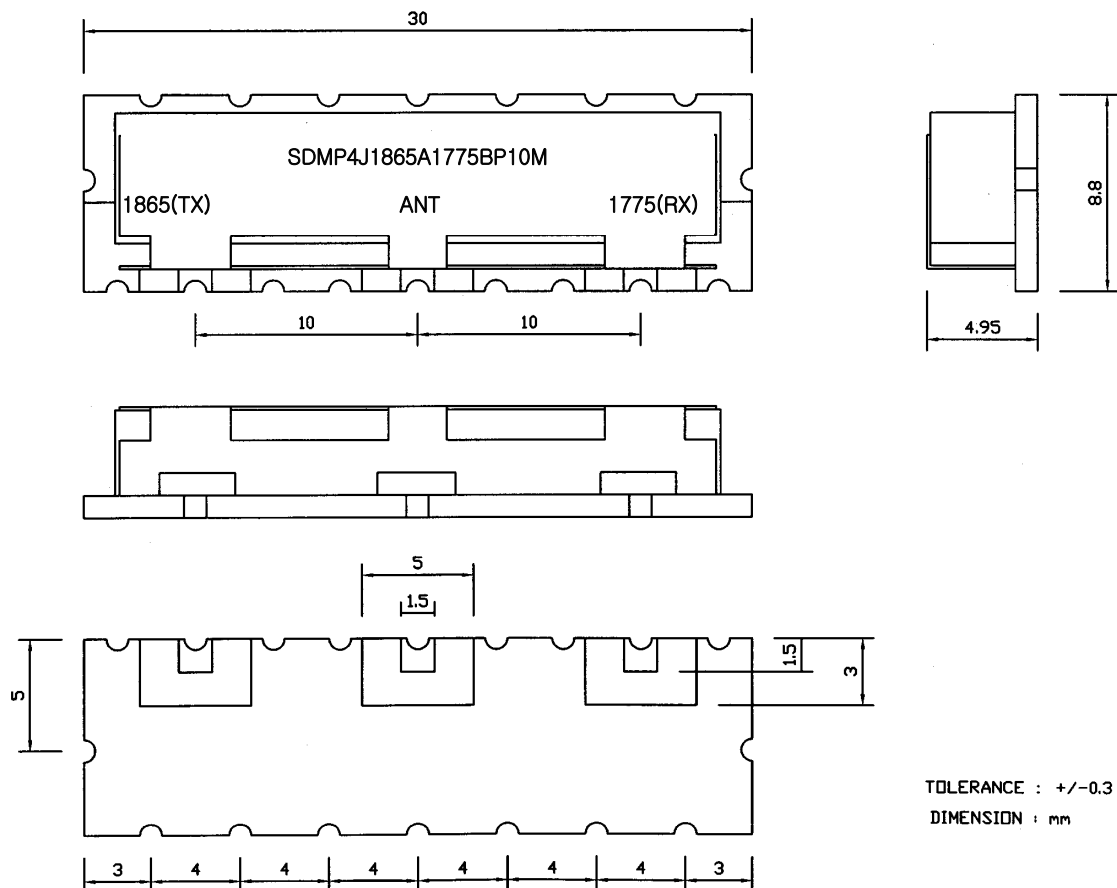
PRODUCT NAME: SDMP4J - TYPE

PART NO: SDMP4J1865A1775BP10M

| ITEM              | RX                         | TX                         |
|-------------------|----------------------------|----------------------------|
| 중심 주파수            | 1775MHz                    | 1865MHz                    |
| 밴드폭               | $F_o \pm 5\text{MHz}$      | $F_o \pm 5\text{MHz}$      |
| 삽입 손실             | 2.0dB max                  | 2.0dB max                  |
| 평탄도               | 1.0dB max                  | 1.0dB max                  |
| R/L               | 18 dB min                  | 18 dB min                  |
| Attenuation       | 1860 ~ 1870MHz at 60dB min | 1770 ~ 1780MHz at 60dB min |
| 입.출력 임피던스         | 50 $\Omega$                |                            |
| Operating Temp    | -40℃ to +85℃               |                            |
| Relative Humidity | 0~95 %                     |                            |

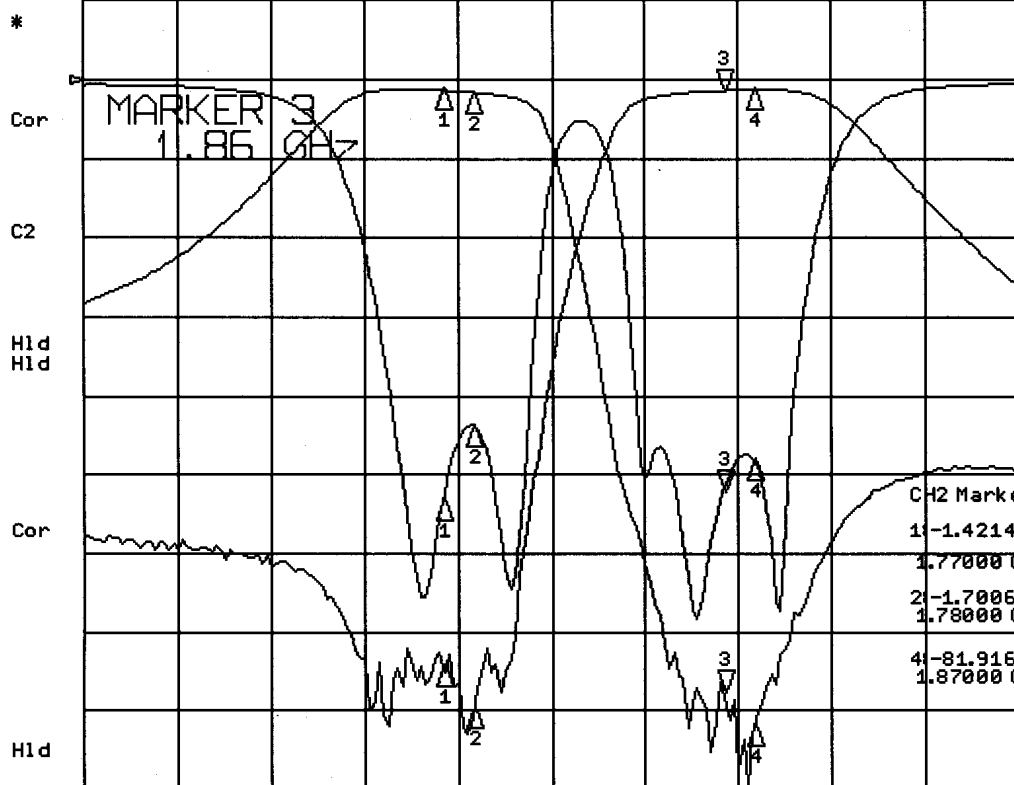
NOTE: EQUIPMENT used :HP 8753E

DIMENSION:



# Graph

CH1 S11 LOG 5 dB/REF 0 dB 3:-26.075 dB 1 860.000 000 MHz  
 CH2 S31 LOG 10 dB/REF 0 dB 3:-77.678 dB  
 CH3 S21 LOG 10 dB/REF 0 dB 3:-1.4486 dB



CH1 Markers

1:-26.622 dB  
 1.77000 GHz  
 2:-21.879 dB  
 1.78000 GHz  
 4:-24.101 dB  
 1.87000 GHz

CH2 Markers

1:-1.4214 dB  
 1.77000 GHz  
 2:-1.7006 dB  
 1.78000 GHz  
 4:-81.916 dB  
 1.87000 GHz

CH3 Markers

1:-74.317 dB  
 1.77000 GHz  
 2:-79.685 dB  
 1.78000 GHz  
 4:-1.3597 dB  
 1.87000 GHz

CH1/CH3 CENTER 1 805.000 000 MHz SPAN 300.000 000 MHz  
 CH2 CENTER 1 805.000 000 MHz SPAN 300.000 000 MHz