A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC voltage: 0V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Min.</th>
<th>Typ.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center frequency Fc (MHz)</td>
<td>-</td>
<td>915.0</td>
<td>-</td>
</tr>
<tr>
<td>Insertion loss within 902 ~ 928MHz IL (dB)</td>
<td>-</td>
<td>2.9</td>
<td>3.5</td>
</tr>
<tr>
<td>Amplitude ripple (p-p) within 902 ~ 928MHz (dB)</td>
<td>-</td>
<td>1.4</td>
<td>2.0</td>
</tr>
<tr>
<td>Attenuation (Reference level from 0dB)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DC ~ 800MHz (dB)</td>
<td>25,0</td>
<td>33,0</td>
<td>-</td>
</tr>
<tr>
<td>800 ~ 880MHz (dB)</td>
<td>20,0</td>
<td>37,0</td>
<td>-</td>
</tr>
<tr>
<td>960 ~ 1280MHz (dB)</td>
<td>35,0</td>
<td>38,0</td>
<td>-</td>
</tr>
<tr>
<td>1280 ~ 2000MHz (dB)</td>
<td>20,0</td>
<td>35,0</td>
<td>-</td>
</tr>
<tr>
<td>Temperature coefficient of frequency T Cf (ppm/K)</td>
<td>-</td>
<td>-30</td>
<td>-</td>
</tr>
<tr>
<td>Source impedance ZS (Ω)</td>
<td>-</td>
<td>50</td>
<td>-</td>
</tr>
<tr>
<td>Load impedance ZL (Ω)</td>
<td>-</td>
<td>50</td>
<td>-</td>
</tr>
</tbody>
</table>

Note 1: The standard definitions is in JIS C 6703.
SAW Filter 915.0MHz for ISM900 (High Attenuation)  
Model: TA915FC  
Part No: MA03704  
Rev No: 2

C. MEASUREMENT CIRCUIT:

HP Network analyzer

50Ω → SAW Filter → 50Ω

A, C, D, F

D. OUTLINE DRAWING:

#B: Input  
#E: Output  
#A, C, D, F: Ground  

Unit: mm
E. FREQUENCY CHARACTERISTICS:

Transfer function

![Graph]

- **E. FREQUENCY CHARACTERISTICS:**

- **Graph showing frequency characteristics with markers and labels.**
SAW Filter 915.0MHz for ISM900 (High Attenuation)  
Model: TA915FC  
Part No: MA03704  
Rev No: 2

F. PACKING:

1. Reel Dimension

![Diagram of Reel Dimension](image)

2. Tape Dimension

![Diagram of Tape Dimension](image)