

| | |
|----------|----------------|
| Customer | |
| Part No. | MBP44RC978S05C |
| Date | |

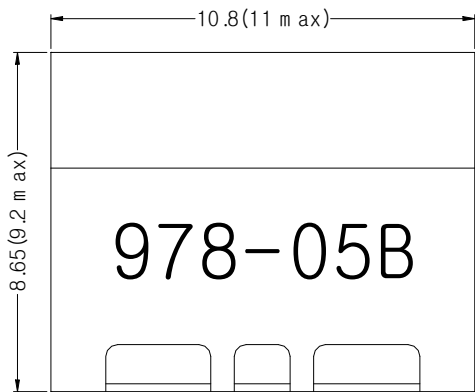
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| Written by | Checked by | Approved by |
| SAR | | |

1. Electrical Specifications.

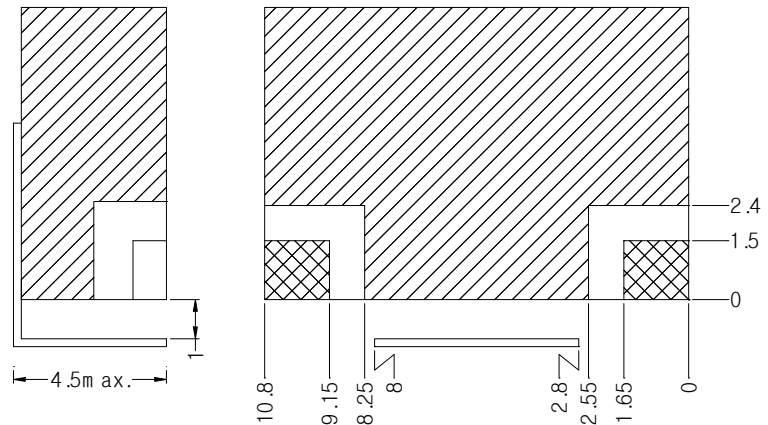
| Item | Specifications |
|-----------------------------|----------------------------|
| Center Frequency (= Fc) | 978 MHz |
| Pass Bandwidth (= BW) | Fc ± 2.5 MHz |
| Insertion Loss @ BW | 2.8 dB max. |
| Ripple @ BW | 1.0 dB max. |
| Return Loss @ BW | 15 dB min. |
| In, Output Impedance | 50 Ω |
| Input Power | 2W max. |
| Attenuation | 37 dB min. @ Fc +/- 50 MHz |
| Operation Temperature Range | -40°C ~ +85°C |

2. Dimensions.

Top View



Bottom View



Tolerance unless otherwise specified : ±0.15

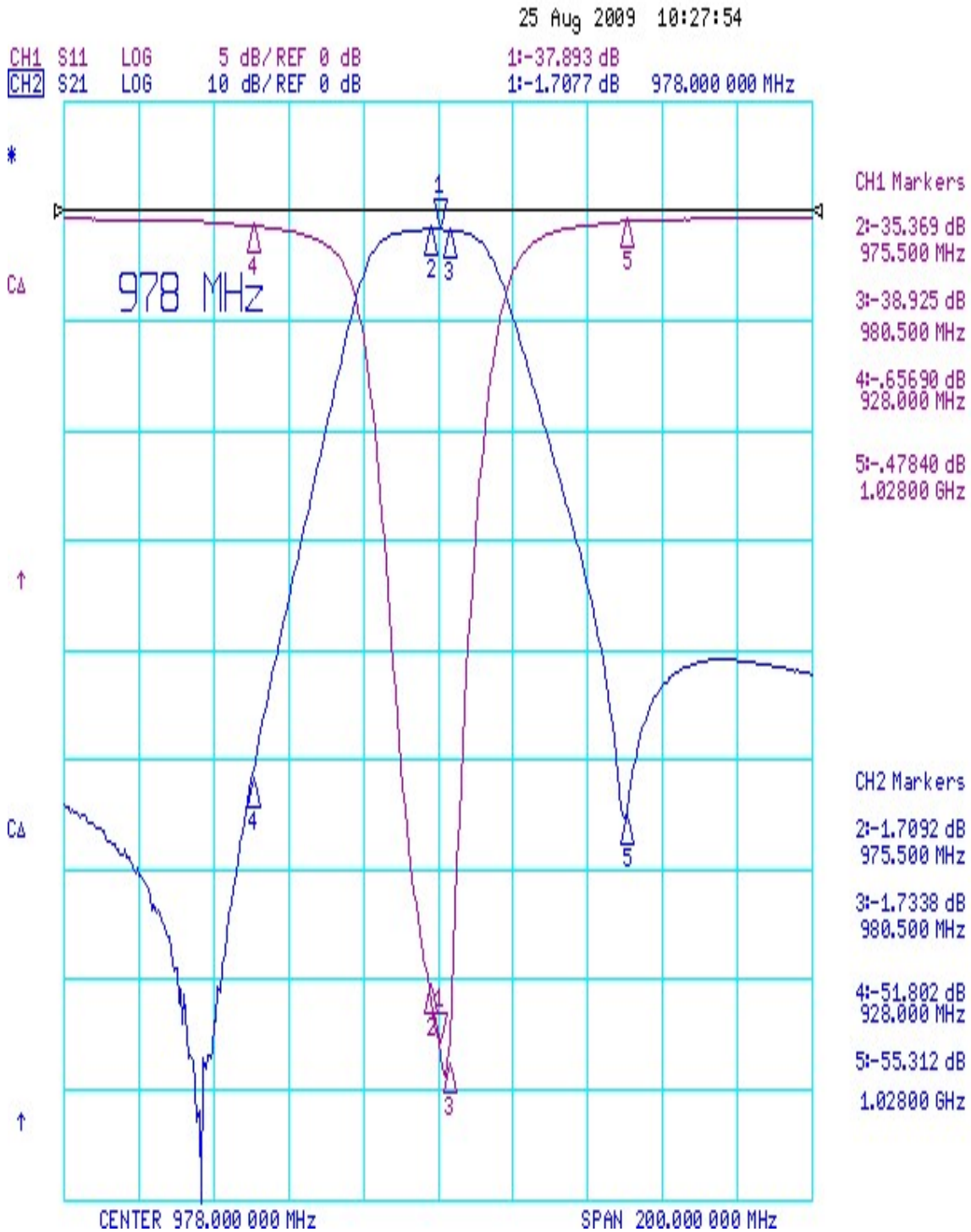
Dimension unit : mm



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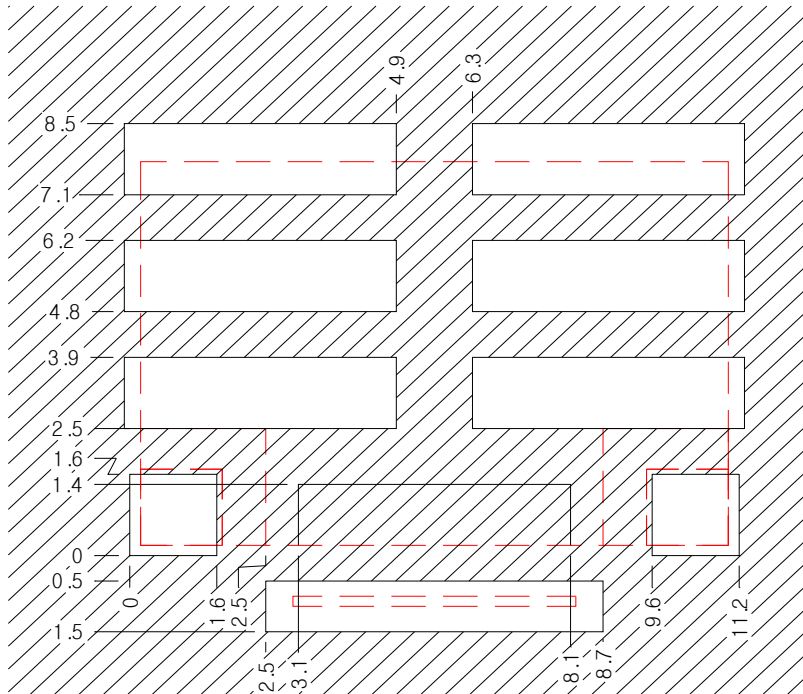
3. Data






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4. Footprint



Tolerance unless otherwise specified : ± 0.2 mm

-  : Exposed conductor
-  : Solder resist over conductor
-  : Filter outline