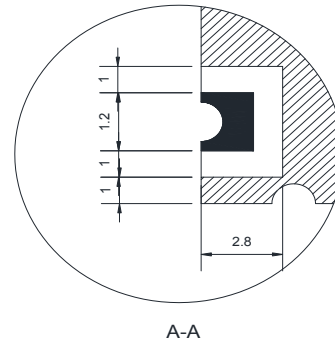
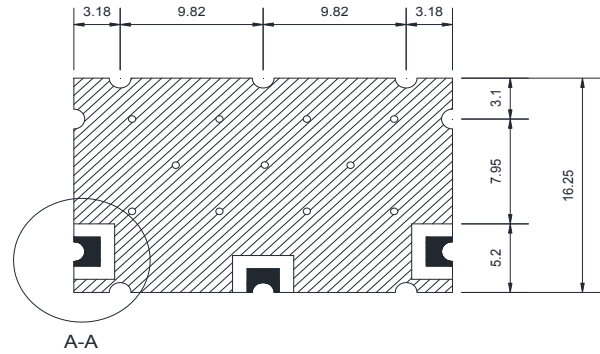
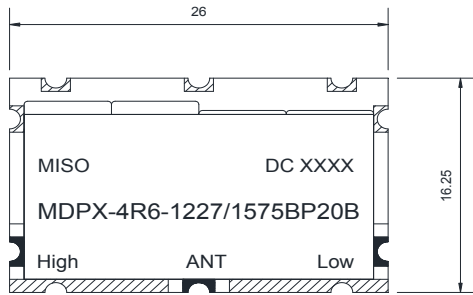




## PRODUCT SPECIFICATION FOR INFORMATION

- Customer : MSC
- Product Name : CERAMIC DUPLEXER
- Part No : MDPX-4R6-1227/1575BP20B



Tolerance unless otherwise specified :  $\pm 0.2$   
Dimension : mm

-  In/output port
-  Ground

### ■ Electrical Specification

| Item              | Low Band                  | High Band                 |
|-------------------|---------------------------|---------------------------|
| Center Frequency  | 1227MHz                   | 1575MHz                   |
| Bandwidth         | 20MHz                     | 20MHz                     |
| Insertion Loss    | 1dB Max                   | 1dB Max                   |
| Ripple            | 0.5dB Max                 | 0.5dB Max                 |
| V.S.W.R.          | 1.7 : 1 Max               | 1.7 : 1 Max               |
| Attenuation       | 40dB min @ 1565 ~ 1585MHz | 40dB Min @ 1217 ~ 1237MHz |
| Isolation         | 40dB min @ 1217 ~ 1237MHz | 40dB min @ 1565 ~ 1585MHz |
| Input Power       | CW 4.0W Max               |                           |
| In/Out Impedance  | 50                        |                           |
| Temperature Range | -20 ~ +70                 |                           |
| Dimension         | 26 X 16.25 X 7.5mm Max    |                           |

■ SIMULATION GRAPH

