

## DIPLEXER FILTER

**MDPX-5800.18000.S1**

**5800-7200MHz & 12000-18000MHz**

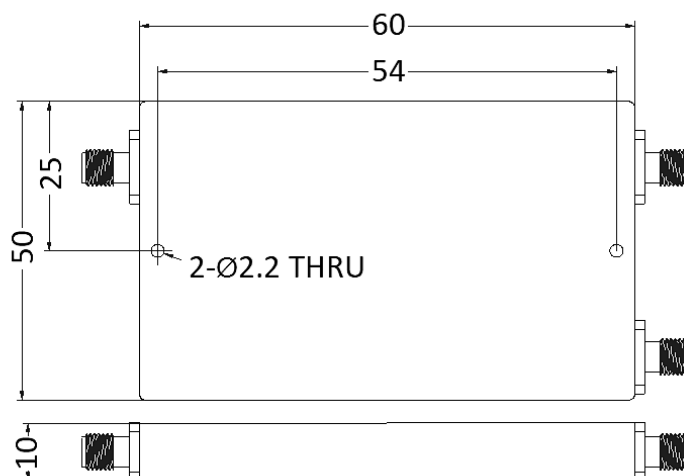
MVE's Diplexer filters with high isolation exist two different bands. It receives on one radio frequency (the Input frequency), the signal, and simultaneously re-transmits the information on its "output" frequency.

### SPECIFICATIONS:

|                         |                       |
|-------------------------|-----------------------|
| Part Number             | MDPX-5800.18000.S1    |
| PassBand (Low)          | 5800-7200MHz          |
| PassBand (High)         | 12000-18000MHz        |
| Insertion Loss          | 3.0dB MAX.            |
| VSWR                    | 1.8:1 MAX.            |
| Rejection (Low)         | ≥100dB@12000-18000MHz |
| Rejection (High)        | ≥100dB@6000-7500MHz   |
| Impedance               | 50Ω                   |
| Power Handling          | 20W                   |
| Connector               | SMA Female            |
| Operational Temperature | -25°C ~ +65°C         |
| Application Environment | Indoor                |
| Size                    | 60mm x 50mm x 10mm    |

Tolerance: ±0.5mm

### Outline Drawing (Unit: mm)



NOTES:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY