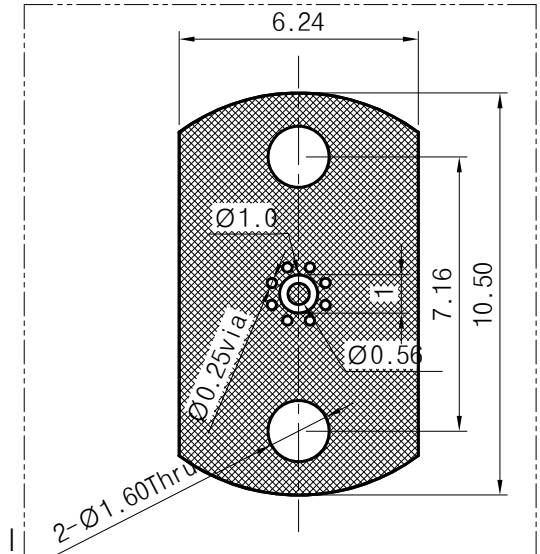


# <Specification>

1. Electrical
  - 1-1. Impedance : 50Ω
  - 1-2. Frequency range : DC to 40GHz
  - 1-3. VSWR (Return loss) : 1.3:1 (-17.69dB)
2. Material
  - 2-1. Body : BeCu (1.27um, Au Plated only)
  - 2-2. Signal : BeCu (1.27um, Au Plated only)
  - 2-3. Insulator : PEI
  - 2-4. Screw : BeCu (1.27um, Au Plated only)
3. Mechanical
  - 3-1. Durability : 500 Cycles
4. Environmental
  - 4-1. Temp. Range : -65°C to +165°C
  - 4-2. RoHS Compliant

## Recommended Top PCB Pattern



\* PCB : R04003C 8mil

<Detail A>

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|       |          |       |              |
|-------|----------|-------|--------------|
| Scale | N/A      | Date  | 2024. 04. 15 |
| Unit  | mm[inch] | Drawn | Teri K       |

|          |                                                                                              |      |   |
|----------|----------------------------------------------------------------------------------------------|------|---|
| Title    | Non-Magnetic type<br>Vertical Launch 2.92mm(F) Connector<br>for Stripline R04003C 8mil (PCB) |      |   |
| Part No. | VC03FS001C1                                                                                  |      |   |
| withwave |                                                                                              | Rev. | — |