LHM RESEARCH

*Unlocking New Frontiers*

**Technical Data Sheet**

# GPPO MALE (MINI-SMP) FOR PCB

8 Position Board Connector

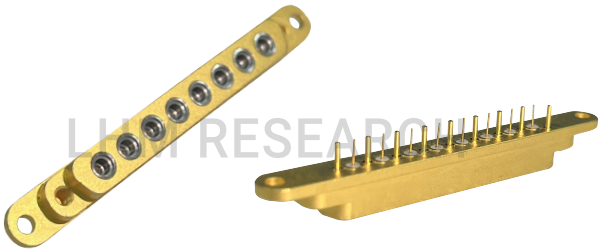
*LHM-152 GPPO*

## Key Features

- Frequency Range from DC to 40GHz
- VSWR ≤ 1.5 : 1
- Impedence 50 ohms

## Compliance Certification

- Temperature Range : -55 deg C ~ 165 deg C



## Environmental Specifications

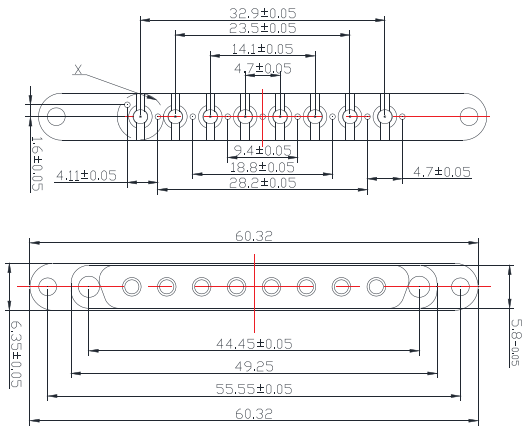
- RoHs Compliant

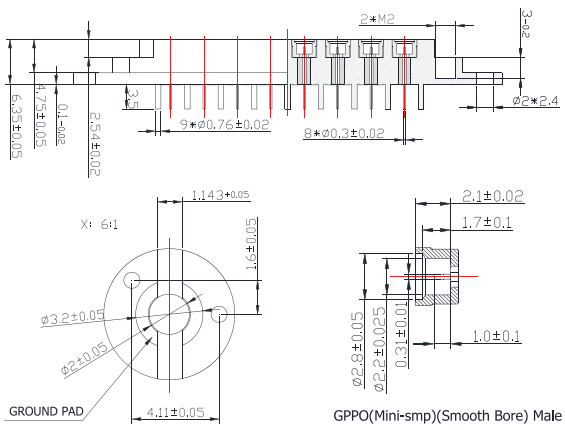
## Electrical Specifications

| Parameter | Specification |
|---|---|
| Impedance | 50 ohms |
| Insertion Loss | Typically ≤0.1 dB xSqt.(f_GHz) |
| Dielectric Withstanding Voltage | 500 Vrms |
| VSWR | ≤ 1.5:1 |

## Machanical Specifications

| Parameter | Specification |
|---|---|
| Centre Contact | Brass Gold Plated |
| Outer Contact | Stainless Steel |
| Housing | Brass Gold Plated |
| Pin | Brass Gold Plated |
| Dielectric | PTFE |
| Mating Cycles | 500 to 1000 mating cycles |




GPPO(Mini-smp)(Smooth Bore) Male