

COAXIAL ADAPTER

1.0mm-1.85mm Precision Series

Features

- ✓ Frequency up to 67GHz
- ✓ High performance design
- ✓ Low VSWR

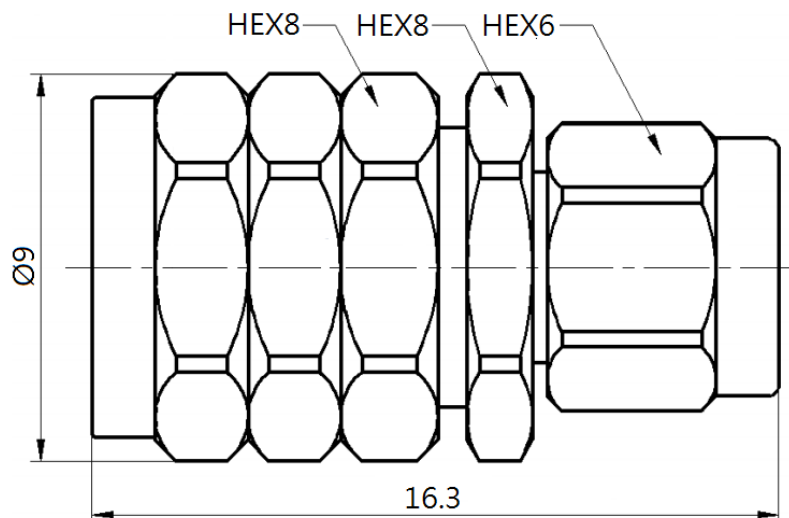


Specifications:

| | |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER | MVE1127 |
| DESCRIPTION | 1.0mm Male To 1.85mm Male, 67GHz Adapter/ Stainless |
| ELECTRICAL | FREQUENCY: DC-67GHz IMPEDANCE: 50Ω VSWR: 1.3:1 MAX. INSERTION LOSS: <math><0.06 * \sqrt{f_GHz}</math> dB OPERATING TEMPERATURE: - 55~+165°C |
| MATERIALS | BODY: STAINLESS STEEL, PASSIVATED PIN CONTACT: BERYLLIUM COPPER, GOLD-PLATED INSULATOR: PEI |

Tolerance: ±0.5mm

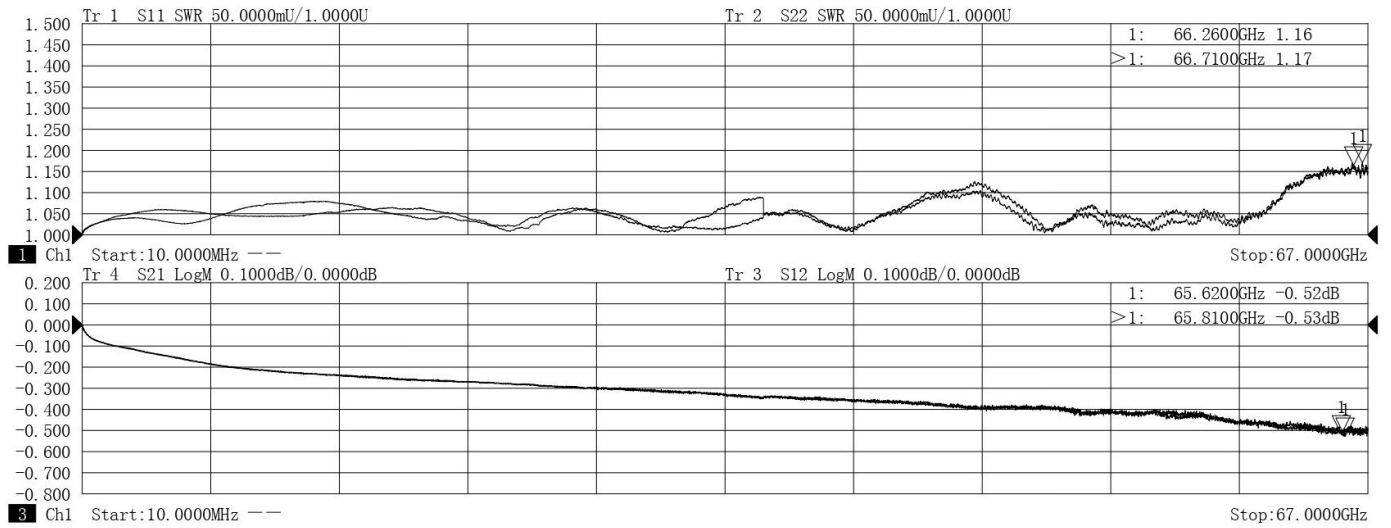
Outline Drawing (Unit: mm)



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



Typical Test Result (MVE1120+MVE1127)



| Ch1 | SweepType | Start Frequency | Stop Frequency | Points | IF BW (Hz) | SweepTime (s) | Port1, 2Power (dBm) |
|-----|-----------|-----------------|------------------|--------|------------|---------------|---------------------|
| Ch1 | LIN_SWEEP | 0.0100000000GHz | 67.0000000000GHz | 6700 | 1000 | 6.249348 | -5.0, -5.0 |

| Win1 | Marker | Delta | Stimulus | Response |
|-------------|--------|-------|------------|----------|
| Trace1--S11 | 1 | | 66.2600GHz | 1.165 |
| Trace2--S22 | 1 | | 66.7100GHz | 1.170 |
| Win3 | | | | |
| Trace4--S21 | 1 | | 65.6200GHz | -0.517dB |
| Trace0--S12 | 1 | | 65.8100GHz | -0.528dB |

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

