

COAXIAL ADAPTER

3.5mm-3.5mm Precision Series

Features

- ✓ Frequency up to 33 GHz
- ✓ High performance
- ✓ High Durability

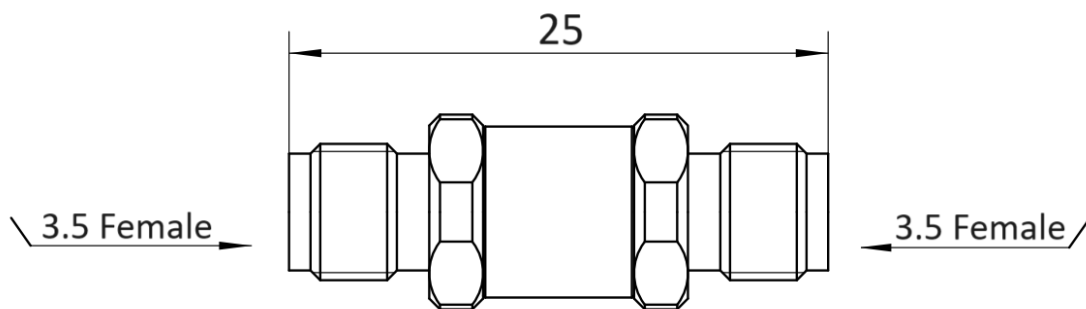


Specifications

PART NUMBER	MVE1244B
DESCRIPTION	3.5mm Female To 3.5mm Female, 33GHz Adapter / Stainless
ELECTRICAL	FREQUENCY: DC-33GHz IMPEDANCE: 50Ω VSWR: 1.20:1 MAX.
MECHANIAL	TEMPERATURE RANGE: -55°C~+165°C DURABILITY: 500CYCLE MIN.
MATERIALS	BODY: STAINLESS STEEL, PASSIVATED INSULATOR: PEI PIN CONTACT: BERYLLIUM COPPER ALLOY, GOLD-PLATED

TOLERANCE: ±0.5mm

Outline Drawing (Unit: mm)

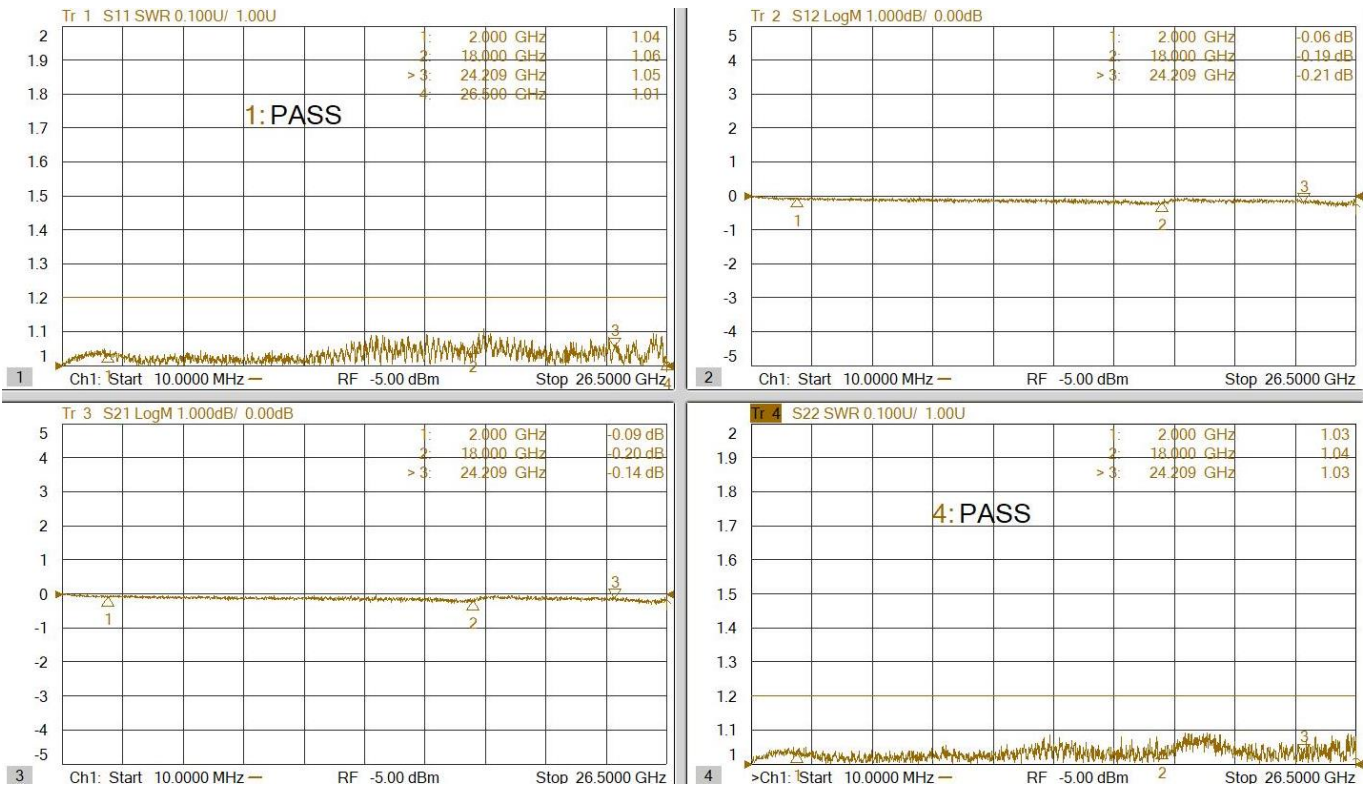


NOTES:

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



Typical Test Result

PART NUMBER	DESCRIPTION																																							
MVE1244B	3.5mm Female To 3.5mm Female , 33GHz Adapter/Stainless																																							
 <p>The figure displays four test result plots for the MVE1244B adapter. Each plot shows the frequency response from 10.0000 MHz to 26.5000 GHz. The plots are:</p> <ul style="list-style-type: none"> Plot 1 (S11 SWR): Shows SWR values. A table of data points is provided: <table border="1" data-bbox="159 593 782 694"> <tr><td>1:</td><td>2.000 GHz</td><td>1.04</td></tr> <tr><td>2:</td><td>18.000 GHz</td><td>1.06</td></tr> <tr><td>> 3:</td><td>24.209 GHz</td><td>1.05</td></tr> <tr><td>4:</td><td>26.500 GHz</td><td>1.01</td></tr> </table> Plot 2 (S12 LogM): Shows LogM values. A table of data points is provided: <table border="1" data-bbox="813 593 1468 694"> <tr><td>1:</td><td>2.000 GHz</td><td>-0.06 dB</td></tr> <tr><td>2:</td><td>18.000 GHz</td><td>-0.19 dB</td></tr> <tr><td>> 3:</td><td>24.209 GHz</td><td>-0.21 dB</td></tr> </table> Plot 3 (S21 LogM): Shows LogM values. A table of data points is provided: <table border="1" data-bbox="159 985 782 1086"> <tr><td>1:</td><td>2.000 GHz</td><td>-0.09 dB</td></tr> <tr><td>2:</td><td>18.000 GHz</td><td>-0.20 dB</td></tr> <tr><td>> 3:</td><td>24.209 GHz</td><td>-0.14 dB</td></tr> </table> Plot 4 (S22 SWR): Shows SWR values. A table of data points is provided: <table border="1" data-bbox="813 985 1468 1086"> <tr><td>1:</td><td>2.000 GHz</td><td>1.03</td></tr> <tr><td>2:</td><td>18.000 GHz</td><td>1.04</td></tr> <tr><td>> 3:</td><td>24.209 GHz</td><td>1.03</td></tr> </table> 		1:	2.000 GHz	1.04	2:	18.000 GHz	1.06	> 3:	24.209 GHz	1.05	4:	26.500 GHz	1.01	1:	2.000 GHz	-0.06 dB	2:	18.000 GHz	-0.19 dB	> 3:	24.209 GHz	-0.21 dB	1:	2.000 GHz	-0.09 dB	2:	18.000 GHz	-0.20 dB	> 3:	24.209 GHz	-0.14 dB	1:	2.000 GHz	1.03	2:	18.000 GHz	1.04	> 3:	24.209 GHz	1.03
1:	2.000 GHz	1.04																																						
2:	18.000 GHz	1.06																																						
> 3:	24.209 GHz	1.05																																						
4:	26.500 GHz	1.01																																						
1:	2.000 GHz	-0.06 dB																																						
2:	18.000 GHz	-0.19 dB																																						
> 3:	24.209 GHz	-0.21 dB																																						
1:	2.000 GHz	-0.09 dB																																						
2:	18.000 GHz	-0.20 dB																																						
> 3:	24.209 GHz	-0.14 dB																																						
1:	2.000 GHz	1.03																																						
2:	18.000 GHz	1.04																																						
> 3:	24.209 GHz	1.03																																						