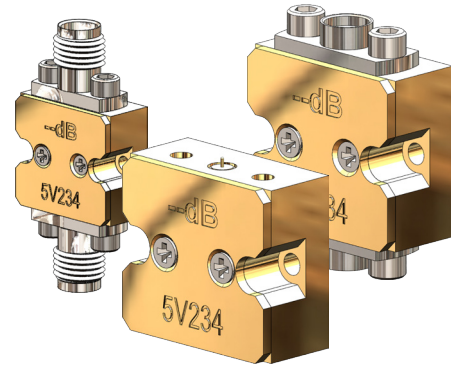


KEY PERFORMANCE FEATURES

- Wide Frequency Range Covering 0.5 to 40 GHz
- Excellent Attenuation Accuracy +/- 0.25 dB
- Excellent VSWR $\leq 1.25:1$ Typical
- Compact and Ruggedized Packaging
- Package Options: Drop-In, SMA/2.9mm & SMP

PRODUCT DESCRIPTION

AKON's product line of Compact and Ruggedized Microwave Fixed Attenuators were specifically designed for harsh Military, Industrial, and Space environments. Our packaging concept makes it easy to install and secure into subsystems. AKON's design utilizes Hi-Rel thin-film microelectronic hybrid circuitry to meet demanding system applications.



AKON products are designed to withstand the demanding environments of Military, Space and Industrial applications. Our compact and ruggedized products are designed to handle stringent mechanical shock/vibrations, temperature cycling, altitude and temperature extremes.

Reliability is a key feature of AKON products and to ensure this we perform ESS testing on all of our products. AKON offers an off-the-shelf screening option called it's "H" series, per Mil-STD-883 level B that is available on all of its RF & Microwave Components. **For custom electrical, mechanical, and screening options, please contact AKON Sales: sales@akoninc.com (or) 408-432-8039.**

SPECIFICATIONS:

Model Number	Frequency Range (GHz)	Attenuation Normal (dB)	Attenuation Deviation +/- dB	VSWR	Pkg.	EAR99/ITAR
A51-MH002	0.5 - 18	2.0	0.25	1.5:1	D, C, S	EAR99
A51-MH003	0.5 - 18	3.0	0.25	1.5:1	D, C, S	EAR99
A51-MH004	0.5 - 18	4.0	0.25	1.5:1	D, C, S	EAR99
A51-MH005	0.5 - 18	5.0	0.25	1.5:1	D, C, S	EAR99
A51-MH006	0.5 - 18	6.0	0.25	1.5:1	D, C, S	EAR99
A51-MH007	0.5 - 18	7.0	0.25	1.5:1	D, C, S	EAR99
A51-MH008	0.5 - 18	8.0	0.25	1.5:1	D, C, S	EAR99
A51-MH009	0.5 - 18	9.0	0.25	1.5:1	D, C, S	EAR99
A51-MH010	0.5 - 18	10.0	0.25	1.5:1	D, C, S	EAR99
A51-MH020	18 - 40	1.0	0.3	2.0:1	D, C, S	EAR99
A51-MH021	18 - 40	2.0	0.3	2.0:1	D, C, S	EAR99
A51-MH022	18 - 40	3.0	0.3	2.0:1	D, C, S	EAR99
A51-MH023	18 - 40	4.0	0.3	2.0:1	D, C, S	EAR99

AKON, Inc. and it's affiliates reserve the right to make changes to the product(s) or information contained herein without notice.

All products are measured in 50-ohm system, over a temperature Range of -54° to +85° C.

Note: Packaging Options: D = Drop-In , C = F-SMA, S = SMP (Model Number Example: A51-MH001D)

Note: All dimensions are specified in inches (mm)

SPECIFICATIONS:

Model Number	Frequency Range (GHz)	Attenuation Normal (dB)	Attenuation Deviation +/- dB	VSWR	Pkg.	EAR99/ITAR
A51-MH024	18 - 40	5.0	0.3	2.0:1	D, C, S	EAR99
A51-MH025	18 - 40	6.0	0.3	2.0:1	D, C, S	EAR99
A51-MH026	18 - 40	7.0	0.3	2.0:1	D, C, S	EAR99
A51-MH027	18 - 40	8.0	0.3	2.0:1	D, C, S	EAR99
A51-MH028	18 - 40	9.0	0.3	2.0:1	D, C, S	EAR99
A51-MH029	18 - 40	10.0	0.3	2.0:1	D, C, S	EAR99

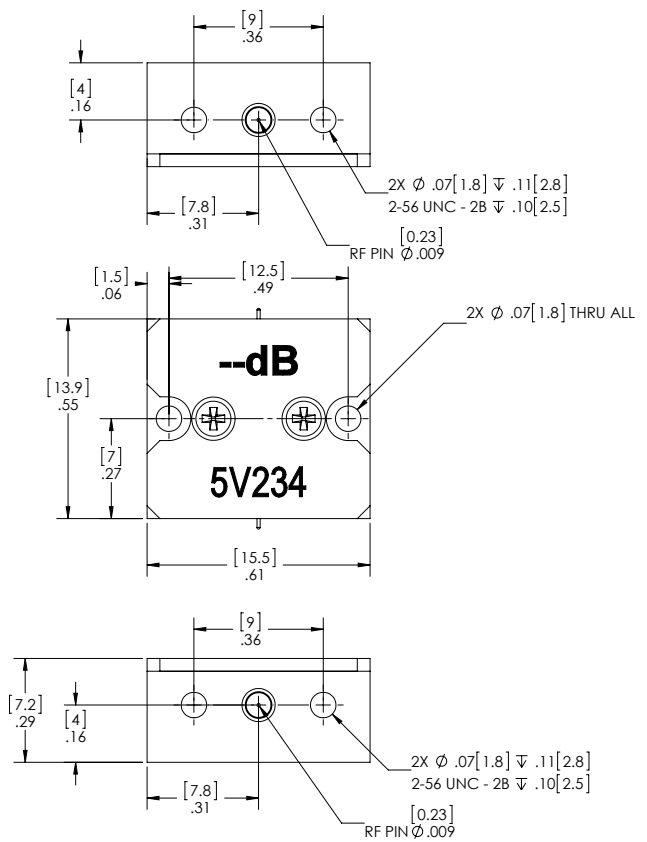
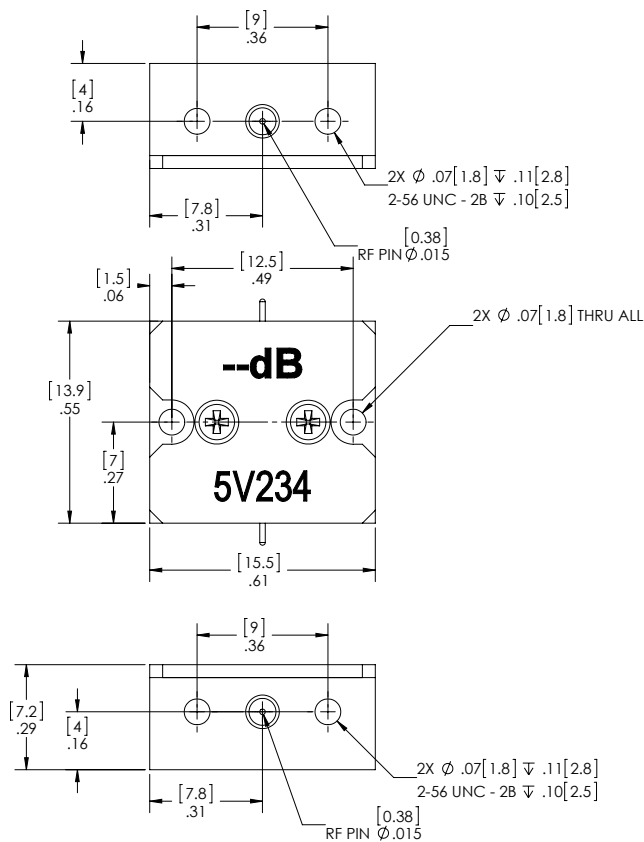
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Note: Packaging Options: D = Drop-In, C = F-SMA, S = SMP (Model Number Example: A51-MH001D)
 Note: All dimensions are specified in inches (mm)

DROP-IN OUTLINE DRAWINGS

0.5 - 18 GHz

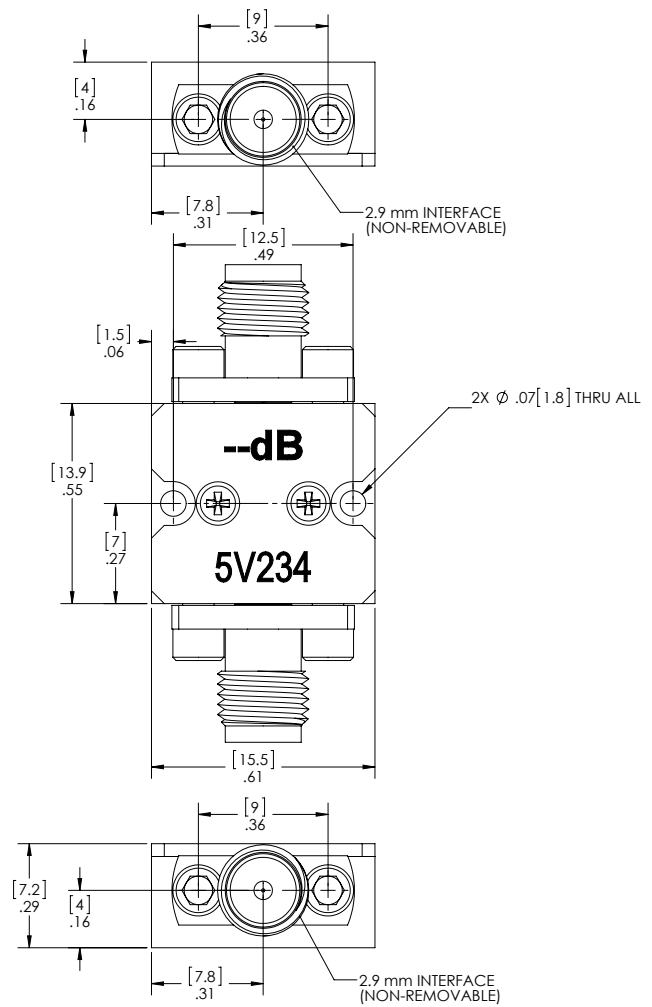
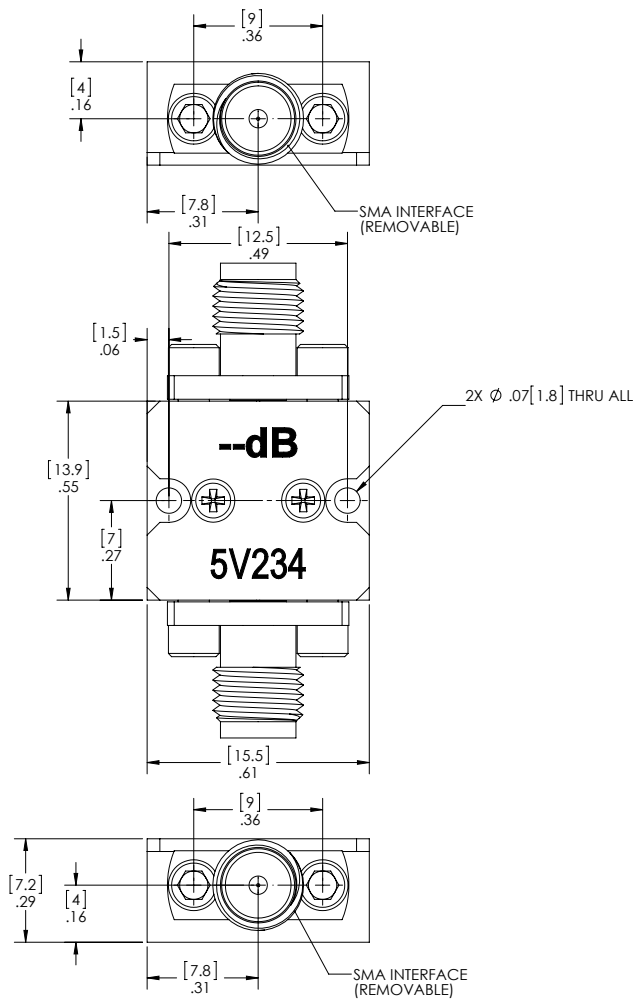
18 - 40 GHz



SMA/2.9mm OUTLINE DRAWINGS

0.5 - 18 GHz

18 - 40 GHz



SMP OUTLINE DRAWINGS

0.5 - 18 GHz

