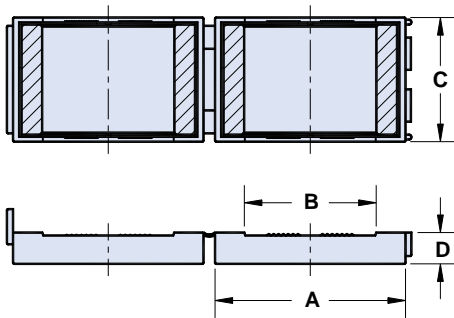


# Flat Cable Snap-its

Flat Cable Snap-its can accommodate flat cable widths up to 2.550 inches. These parts are available in 31 and 43 material which can suppress frequencies up to 500 MHz.

The polypropylene case has a flammability rating of UL 94-V0.

- Cores are controlled for impedance limits only. They are tested for impedance with a single turn, using a Hewlett Packard HP 4193A Vector Impedance Meter.
- For impedance vs. frequency curves for these parts, see Figures 1-6.
- For any flat cable snap-it requirement not listed in the catalog, please contact our customer service group for availability and pricing.
- The Expanded Cable and Connector EMI Suppressor Kit (part number 0199000005) contains a selection of these suppression cores. See page 92.

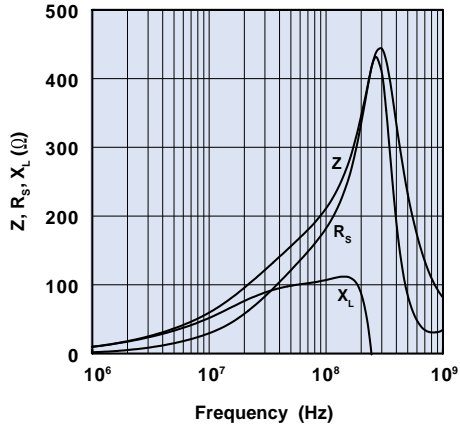


Dimensions (Bold numbers are in millimeters, light numbers are nominal in inches.)

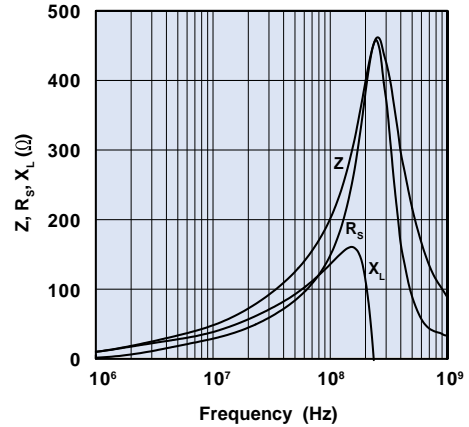
Part Number	Cable Width	A	B	C	D	Typical Impedance( $\Omega$ ) <sup>1</sup>			Z, R <sub>s</sub> , X <sub>L</sub> vs. Frequency Curve
						10 MHz	25 MHz	100 MHz	
0443166651	<b>34 Max.</b> 1.330 Max.	<b>49.5</b> 1.950	<b>34.4</b> 1.350	<b>32.3</b> 1.272	<b>8.1</b> .320	—	96	225	Figure 1
0431163951	<b>52 Max.</b> 2.030 Max.	<b>67.8</b> 2.670	<b>52.1</b> 2.050	<b>32.3</b> 1.272	<b>8.1</b> .320	44	94	235	Figure 2
0443163951	<b>52 Max.</b> 2.030 Max.	<b>67.8</b> 2.670	<b>52.1</b> 2.050	<b>32.3</b> 1.272	<b>8.1</b> .320	—	88	225	Figure 3
0431164051	<b>65 Max.</b> 2.550 Max.	<b>80.8</b> 3.180	<b>65.3</b> 2.570	<b>32.3</b> 1.272	<b>8.1</b> .320	40	81	225	Figure 4
0443164051	<b>65 Max.</b> 2.550 Max.	<b>80.8</b> 3.180	<b>65.3</b> 2.570	<b>32.3</b> 1.272	<b>8.1</b> .320	—	75	215	Figure 5

<sup>1</sup> Guaranteed Z Min is Z Typ -20%

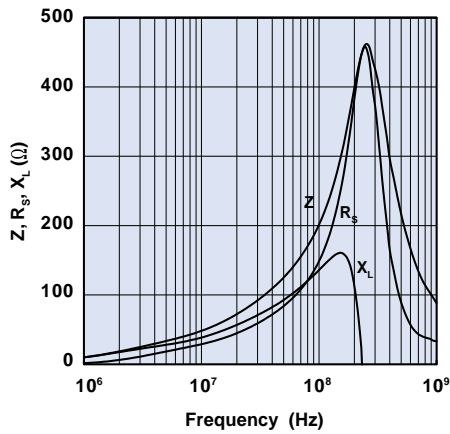
# Flat Cable Snap-its



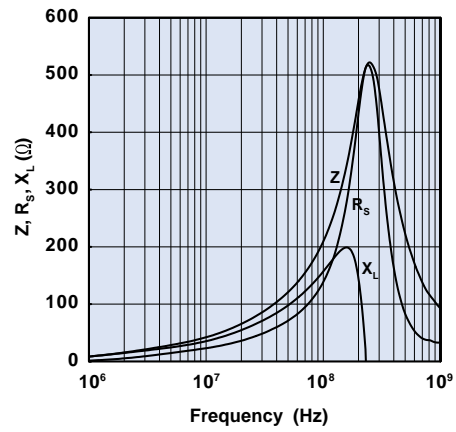
**Figure 1** Impedance, reactance, and resistance vs. frequency curve for flat cable snap-it 0443166651.



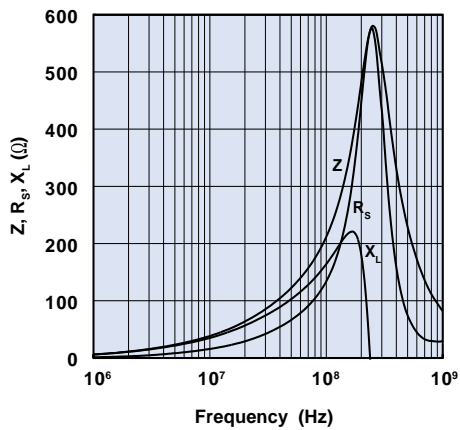
**Figure 2** Impedance, reactance, and resistance vs. frequency curve for flat cable snap-it 0431163951.



**Figure 3** Impedance, reactance, and resistance vs. frequency curve for flat cable snap-it 0443163951.



**Figure 4** Impedance, reactance, and resistance vs. frequency curve for flat cable snap-it 0431164051.



**Figure 5** Impedance, reactance, and resistance vs. frequency curve for flat cable snap-it 0443164051.