

Flat Cable Snap- Its (0431164051)



Part Number: 0431164051

31 FLAT CABLE CORE ASSEMBLY

Explanation of Part Numbers:

- Digits 1 & 2 = Product Class
- Digits 3 & 4 = Material Grade

Flat Cable Snap- Its for use on multi- conductor flat cables to suppress common- mode conducted EMI from 1MHz to hundreds of MHz. These Flat Cable Snap- Its are available in two ferrite materials, 31 and 43. The polypropylene cases are meeting the RoHS restrictions of hazardous substances and have a flammability rating of UL 94 V-0.

□The □Expanded Cable and Suppressor Kit□ (Part number 0199000005) contains several Flat Cable Snap- It assemblies.

Weight: 130 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	80.8	_	3.18	_
B	65.3	_	2.57	_
C	32.3	_	1.272	_
D	8.1	_	0.32	_

Cable Information			
Max Diameter	Max Dimension	Solid Equivalent	Flat Cable Cores
0	64.00 x 1.30	_	-
0			

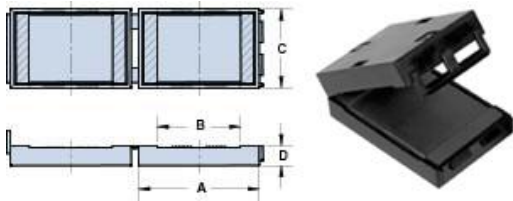


Chart Legend

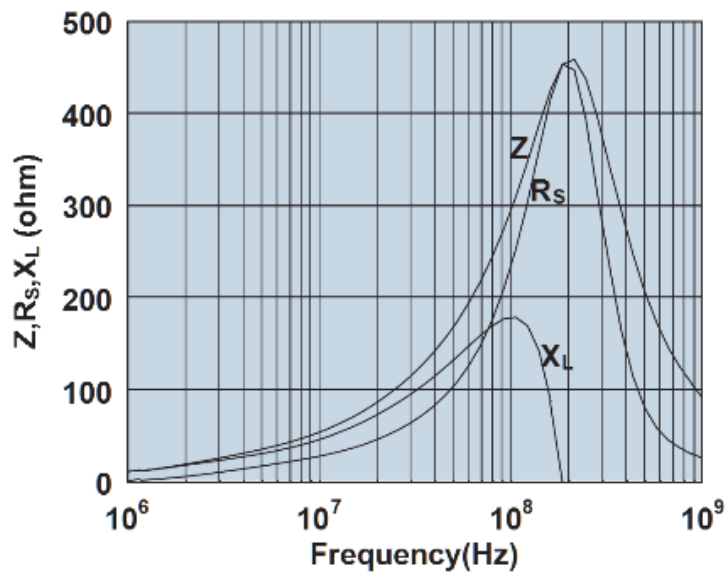
+ Test frequency

Typical Impedance (Ω)	
1 MHz	11
5 MHz	34
10 MHz ⁺	52
25 MHz ⁺	105
100 MHz ⁺	310
250 MHz	440

Flat Cable Snap- It assemblies are controlled for impedances only. Minimum impedance values are specified for the + marked frequencies. The minimum impedance is typically the listed impedance less 20%.

Centered, single turn impedance tests on the 31 and 43 material parts are performed on the 4193A Vector Impedance Analyzer. Cores are tested with the shortest practical wire length.

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Impedance, reactance, and resistance vs. frequency.