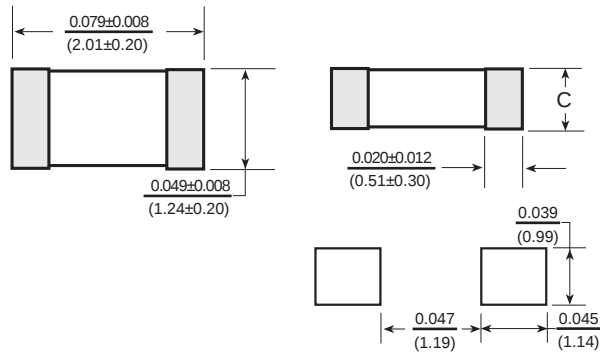


HFC10 High Frequency Chip Inductors



Dimensions: $\frac{\text{Inches}}{(\text{mm})}$

$$C = \frac{0.035 \pm 0.008}{(0.90 \pm 0.2)}$$

$$*C = \frac{0.047 \pm 0.008}{(1.2 \pm 0.2)}$$

Allied Part Number	Inductance (nh)	Tolerance (%)	Q Typical @100MHz	Q Typical @800MHz	SRF (MHz)	DCR Max. (Ω)	IDC Max. (mA)
HFC10-1N5S-RC	1.5	0.3nh	13	40	>6000	0.10	300
HFC10-1N8S-RC	1.8	0.3nh	13	45	>6000	0.10	300
HFC10-2N2S-RC	2.2	0.3nh	13	48	>6000	0.10	300
HFC10-2N7S-RC	2.7	0.3nh	13	40	>6000	0.10	300
HFC10-3N3K-RC	3.3	10	15	56	>6000	0.13	300
HFC10-3N9K-RC	3.9	10	15	54	5400	0.15	300
HFC10-4N7K-RC	4.7	10	15	50	4500	0.20	300
HFC10-5N6K-RC	5.6	10	15	53	4000	0.23	300
HFC10-6N8K-RC	6.8	10	15	51	3650	0.25	300
HFC10-8N2K-RC	8.2	10	15	53	3000	0.28	300
HFC10-10NK-RC	10	10	16	45	2500	0.30	300
HFC10-12NK-RC	12	10	16	48	2450	0.35	300
HFC10-15NK-RC	15	10	17	48	2000	0.40	300
HFC10-18NK-RC	18	10	17	43	1750	0.45	300
HFC10-22NK-RC	22	10	17	47	1700	0.50	300
HFC10-27NK-RC	27	10	18	38	1550	0.55	300
HFC10-33NK-RC	33	10	19	35	1350	0.60	300
HFC10-39NK-RC	39	10	21	40	1300	0.65	300
HFC10-47NK-RC	47	10	21	38	1200	0.70	300
HFC10-56NK-RC	56	10	21	31	1150	0.75	300
HFC10-68NK-RC	68	10	21	28	1000	0.80	300
HFC10-82NK-RC	82	10	22	16	850	0.90	300
HFC10-100NK-RC	100	10	23		730	1.00	300
HFC10-120NK-RC	120	10	22		650	1.20	300
HFC10-150NK-RC	150	10	22		550	1.40	300
HFC10-180NK-RC	*180	10	23		500	1.80	300
HFC10-220NK-RC	*220	10	20		450	2.00	300
HFC10-270NK-RC	*270	10	20		400	2.50	200
HFC10-330NK-RC	*330	10	22		380	3.00	200
HFC10-390NK-RC	*390	10	17		330	3.50	200
HFC10-470NK-RC	*470	10	17		300	4.00	200

Physical

Packaging: 1.5nh - 150nh,
4000 pieces per reel.
180nh - 470nh,
3000 pieces per 7 inch reel.

*at 50MHz.