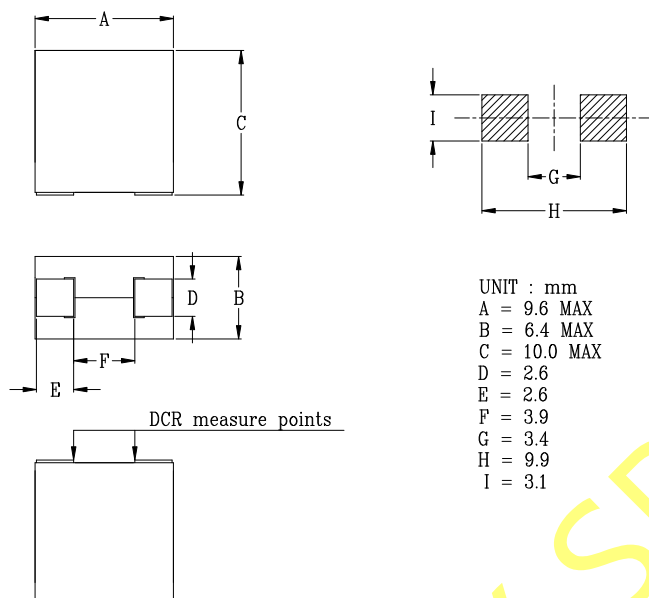




DELTA P/N : HCUVE9610(F) Series

Mechanical dimensions



Electrical Characteristics @ 25°C, 100kHz, 1V

Delta P/N	L ¹ (nH)	Li (nH) MIN	DCR (mΩ)	Isat ² (A)			Ir ³ (A)
				25°C	100°C	125°C	
HCUVE9610-700	70	50	0.15 ± 10%	170	138	127	67
HCUVE9610-101	100	72		120	98	90	
HCUVE9610-121	120	86		98	80	73	
HCUVE9610-151	150	108		78	63	59	
HCUVE9610-181	180	129		64	52	48	
HCUVE9610-221	220	158		52	42	39	
HCUVE9610-271	270	194		41	33	30	
HCUVE9610-301	300	216		37	30	27	
HCUVE9610-331	330	237		33	27	24	
HCUVE9610F-700	70	50		162	138	127	
HCUVE9610F-101	100	72		118	100	90	
HCUVE9610F-121	120	86		98	83	73	
HCUVE9610F-151	150	108		76	65	59	
HCUVE9610F-181	180	129		62	53	48	
HCUVE9610F-221	220	158		49	42	39	
HCUVE9610F-271	270	194		39	33	30	
HCUVE9610F-301	300	216		35	30	27	
HCUVE9610F-331	330	237		32	27	24	

1. Tolerance of inductance : ± 10%
2. Isat is the DC current which causes the inductance drop to Li.
3. Ir is the DC current which causes the surface temperature of the part increase approximately 40 °C.
4. Operating temperature: -40°C to 125°C (Self-temperature rise included).

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Cyntec:](#)

[HCUVE9610-221](#) [HCUVE9610-900](#) [HCUVE9610-331](#) [HCUVE9610-301](#) [HCUVE9610-181](#) [HCUVE9610-271](#)
[HCUVE9610-151](#) [HCUVE9610-101](#) [HCUVE9610-121](#)