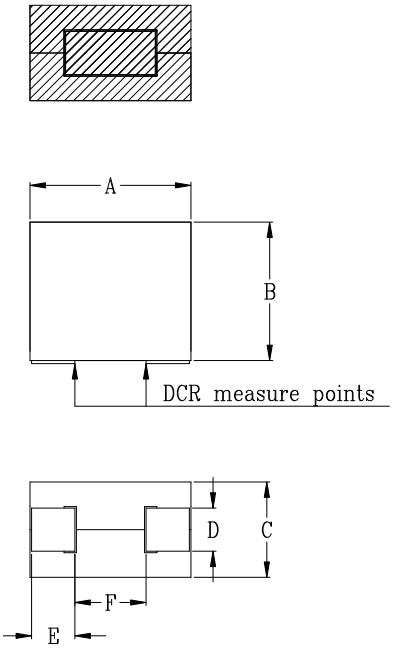
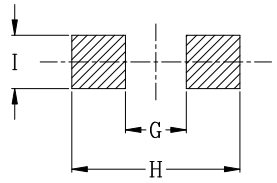
DELTA P/N : HCUVE966490(F) Series

Mechanical Dimensions





UNIT : mm
A = 9.6 MAX
B = 9.0 MAX
C = 6.4 MAX
D = 2.6
E = 2.5
F = 4.0
G = 3.5
H = 9.9
I = 3.1

Electrical Characteristics @ 25℃, 100kHz, 1V

Delta P/N	L (nH) ± 10%	Li (nH) MIN	DCR (mΩ) ± 5%	Isat [1] (A) 25℃	Isat [1] (A) 100℃	Isat [1] (A) 125℃	Ir [2] (A)
HCUVE966490-900	90	65	0.17 ± 5%	142	114	107	66
HCUVE966490-101	100	72		120	97	90	
HCUVE966490-121	120	86		100	80	75	
HCUVE966490-151	150	108		80	64	60	
HCUVE966490-171	170	122		69	55	52	
HCUVE966490-181	180	130		64	51	48	
HCUVE966490-211	210	151		50	40	37.5	
HCUVE966490-221	220	158		46	37	34	
HCUVE966490-301	300	216		35	28	26	
HCUVE966490-401	400	288		22	17.5	16	
HCUVE966490-471	470	338		18	14.5	13	
HCUVE966490F-900	90	65	0.17 ± 5%	134	114	107	66
HCUVE966490F-101	100	72		112	97	90	
HCUVE966490F-121	120	86		94	80	75	
HCUVE966490F-151	150	108		75	64	60	
HCUVE966490F-171	170	122		65	55	52	
HCUVE966490F-181	180	130		60	51	48	
HCUVE966490F-211	210	151		47	40	37.5	
HCUVE966490F-221	220	158		44	37	34	
HCUVE966490F-301	300	216		33	28	26	
HCUVE966490F-401	400	288		21	17.5	16	
HCUVE966490F-471	470	338		17	14.5	13	

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

Mouser Electronics

Authorized Distributor

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

Cyntec:

HCUVE966490-471 HCUVE966490-900 HCUVE966490-301 HCUVE966490-221 HCUVE966490-401 HCUVE966490-181 HCUVE966490-151 HCUVE966490-171 HCUVE966490-101 HCUVE966490-211 HCUVE966490-121