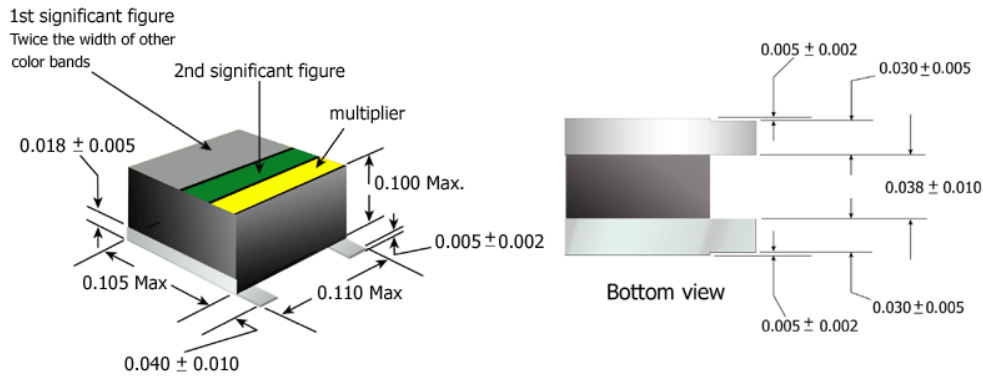


# C6000 Series

## Fixed Chip Inductor



Tape & Reel (additional charge)	
Type	Reel (Qty)
Tabs	1,800
No Tabs	2,000

### FEATURES

- Leadless device for minimum footprint
- Low EMI Radiation
- Low Thermal Expansion permits mounting on most substrate materials

### SPECIFICATIONS

- Operating temperature range: -55°C to 125°C
- Termination Finish: Tin-lead
- Weight: 0.5 grams maximum

#### Part or Identifying Number (PIN):

C6 XXX

C6XXX: Coast/ACM Part Number

With Tabs	Without Tabs	Inductance ±10% (µH)	Q Min	Q Typ	Test Freq (MHz)	SRF Min (MHz)	DCR Max (Ω)	Current Max (mA)
C/ACM P/N	C/ACM P/N							
C6001	C6025	12.0	42	50	2.50	26.0	2.0	110
C6002	C6026	15.0	44	52	2.50	24.0	2.2	105
C6003	C6027	18.0	44	52	2.50	21.0	2.8	100
C6004	C6028	22.0	48	55	2.50	20.0	3.5	85
C6005	C6029	27.0	49	57	2.50	19.0	4.3	75
C6006	C6030	33.0	50	58	2.50	14.0	5.5	68
C6007	C6031	39.0	52	60	2.50	12.0	6.5	61
C6008	C6032	47.0	53	62	2.50	11.0	8.5	54
C6009	C6033	56.0	56	64	2.50	10.0	12.0	46
C6010	C6034	68.0	53	62	2.50	9.0	13.0	42
C6011	C6035	82.0	49	57	2.50	8.0	15.0	40
C6012	C6036	100.0	49	57	2.50	7.0	18.0	36
C6013	C6037	120.0	37	45	0.79	6.0	21.0	34
C6014	C6038	150.0	30	38	0.79	5.0	26.0	31
C6015	C6039	180.0	30	38	0.79	5.0	28.0	29
C6016	C6040	220.0	26	32	0.79	4.5	32.0	28
C6017	C6041	270.0	26	32	0.79	4.0	36.0	26
C6018	C6042	330.0	24	30	0.79	3.7	42.0	24
C6019	C6043	390.0	24	30	0.79	3.5	46.0	23
C6020	C6044	470.0	24	30	0.79	3.0	68.0	19
C6021	C6045	560.0	22	28	0.79	2.8	77.0	18
C6022	C6046	680.0	20	26	0.79	2.5	85.0	17
C6023	C6047	820.0	16	22	0.79	2.0	100.0	16
C6024	C6048	1000.0	12	18	0.79	1.5	120.0	15



Coast / Advanced Chip Magnetics

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