



**THE DATASHEET OF  
0805CS-681EJFS**





**WIRE-WOUND CHIP INDUCTOR – FERRITE/OPENTYPE**  
**0805CS (2012) Series (0.12 ~ 10uH)**

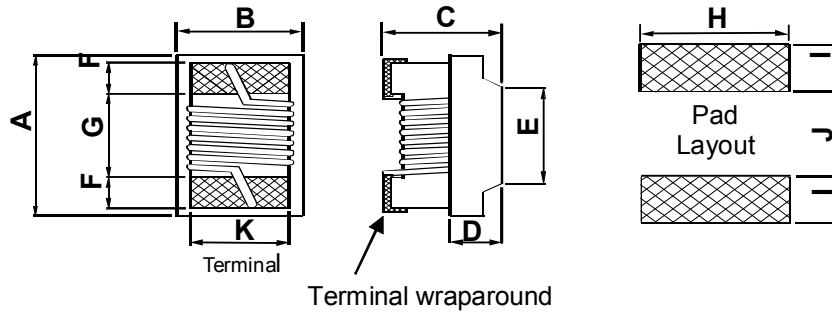
Part Number	Inductance uH	Percent Tolerance	Q Min	SRF Min MHz	RDC Max Ohms	IDC Max mA
0805CS-121E_FS	0.12@ 25.2MHz	10,5	20@ 25.2MHz	700	0.18	1100
0805CS-151E_FS	0.15@ 25.2MHz	10,5	20@ 25.2MHz	900	0.18	1100
0805CS-181E_FS	0.18@ 25.2MHz	10,5	20@ 25.2MHz	600	0.20	800
0805CS-221E_FS	0.22@ 25.2MHz	10,5	20@ 25.2MHz	550	0.25	700
0805CS-271E_FS	0.27@ 25.2MHz	10,5	20@ 25.2MHz	550	0.30	700
0805CS-331E_FS	0.33@ 25.2MHz	10,5	20@ 25.2MHz	550	0.35	650
0805CS-391E_FS	0.39@ 25.2MHz	10,5	20@ 25.2MHz	420	0.35	600
0805CS-471E_FS	0.47@ 25.2MHz	10,5	20@ 25.2MHz	350	0.45	600
0805CS-561E_FS	0.56@ 25.2MHz	10,5	20@ 25.2MHz	300	0.45	550
0805CS-681E_FS	0.68@ 25.2MHz	10,5	20@ 25.2MHz	300	0.60	500
0805CS-821E_FS	0.82@ 25.2MHz	10,5	20@ 25.2MHz	300	0.55	500
0805CS-102E_FS	1.00@ 7.96MHz	10,5	15@ 7.96MHz	280	0.80	450
0805CS-122E_FS	1.20@ 7.96MHz	10,5	15@ 7.96MHz	280	0.90	400
0805CS-152E_FS	1.50@ 7.96MHz	10,5	15@ 7.96MHz	250	1.05	350
0805CS-182E_FS	1.80@ 7.96MHz	10,5	15@ 7.96MHz	120	0.90	350
0805CS-222E_FS	2.20@ 7.96MHz	10,5	15@ 7.96MHz	110	1.10	320
0805CS-272E_FS	2.70@ 7.96MHz	10,5	15@ 7.96MHz	70	1.20	320
0805CS-332E_FS	3.30@ 7.96MHz	10,5	15@ 7.96MHz	60	1.50	300
0805CS-392E_FS	3.90@ 7.96MHz	10,5	15@ 7.96MHz	55	1.60	300
0805CS-472E_FS	4.70@ 7.96MHz	10,5	15@ 7.96MHz	45	2.10	200
0805CS-562E_FS	5.60@ 7.96MHz	10,5	15@ 7.96MHz	40	2.30	250
0805CS-682E_FS	6.80@ 7.96MHz	10,5	15@ 7.96MHz	36	2.70	200
0805CS-822E_FS	8.20@ 7.96MHz	10,5	15@ 7.96MHz	33	3.30	180
0805CS-103E_FS	10.0 @ 2.52MHz	10,5	10@ 2.52MHz	30	4.50	180

**Working Temperature Range : -40 °C ~ 85 °C**



**WIRE-WOUND CHIP INDUCTOR – FERRITE/OPENTYPE**  
**0805CS Series Shape & Dimension**

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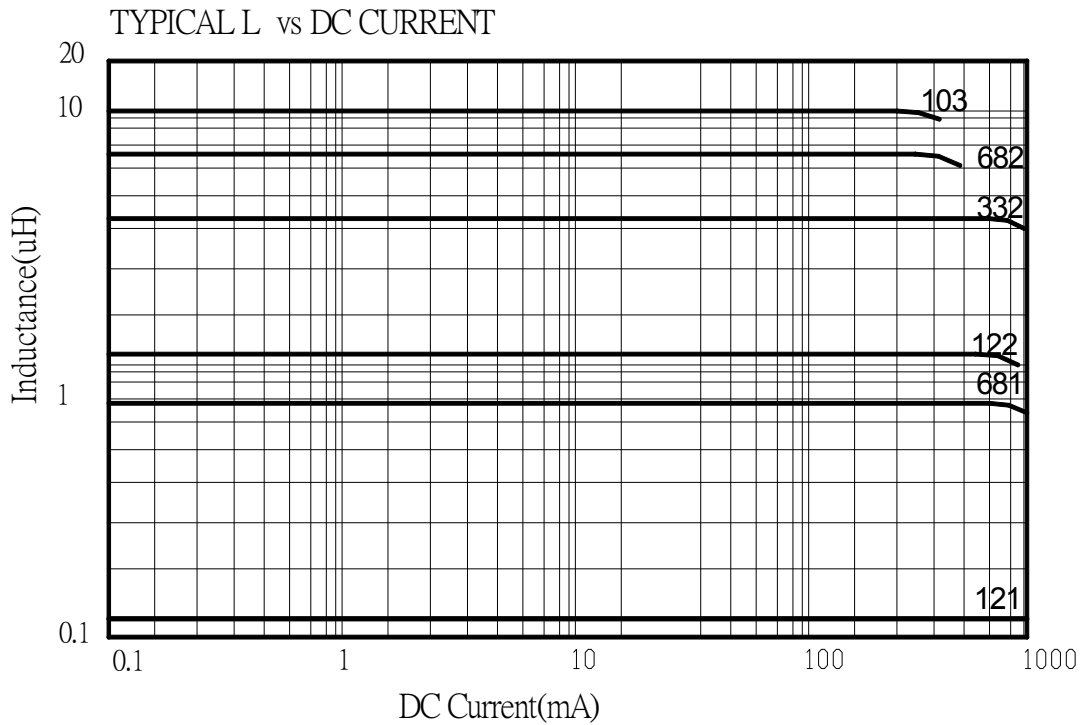
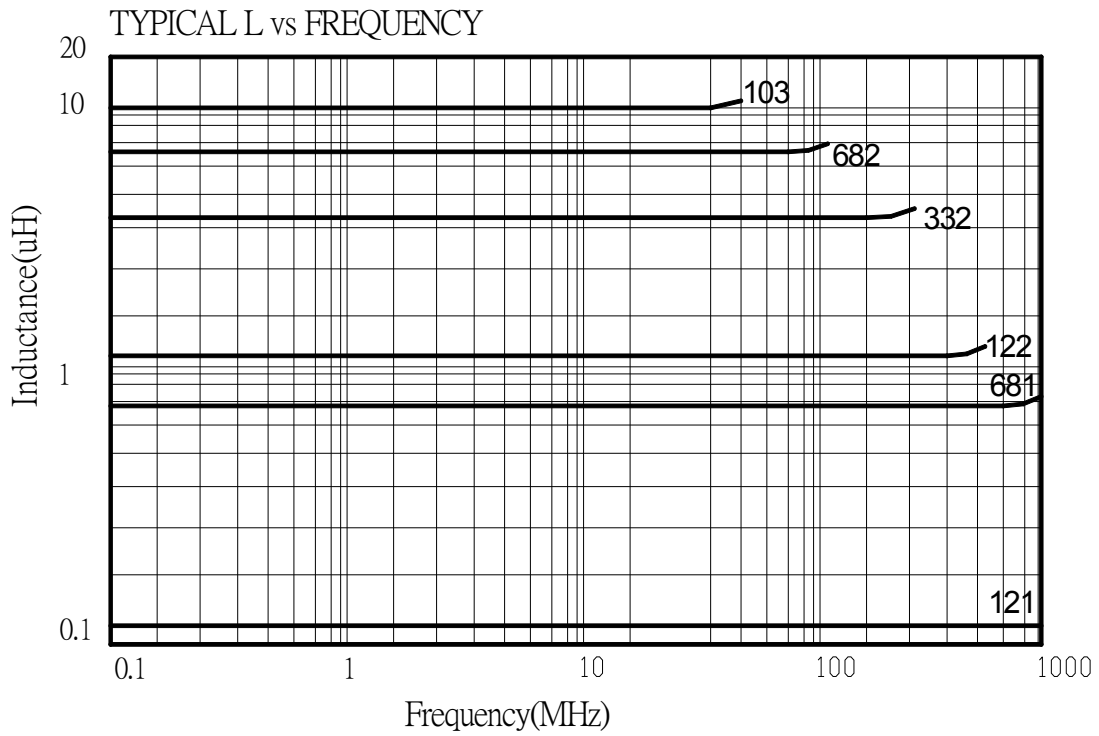
	A		B		C		D Ref.	E Ref.	F	G	H	I	J	K
	Max.	Ref	Max	Ref	Max	Ref								
inch	0.090	0.083	0.068	0.065	0.057	0.051	0.020	0.050	0.017	0.040	0.070	0.040	0.030	0.050
mm	2.29	2.10	1.71	1.65	1.45	1.30	0.51	1.27	0.44	1.02	1.78	1.02	0.76	1.27

Parts/Reel: 7" 2,000 PCS  
 Tape Width: 8mm



# WIRE-WOUND CHIP INDUCTOR – FERRITE/OPENTYPE

## 0805CS Series Typical Electrical Characteristics



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