

绕线片式陶瓷电感—WCH 系列

Wire Wound Chip Ceramic Inductor - WCH Serie

Operating Temp. : -40°C ~ +125°C



- 小尺寸，可表面贴装
- 陶瓷材料具有高 Q 值、高自谐频率
- 高精度、高可靠性
- Small chip suitable for surface mounting
- High Q value and high self-resonant frequency with ceramic material
- Tight inductance tolerance and stable inductance at high frequency

用途

APPLICATIONS

- 通讯设备的高频线路
 - 移动电话如 GSM/CDMA/PDC 等制式
- 蓝牙，无线网，宽带网
- High frequency circuit in telecommunication and other equipments
- Mobile phones such as GSM, CDMA, PDC, etc
- Bluetooth, W-LAN, Broadband network

产品型号

PRODUCT IDENTIFICATION

WCH

①

1005

②

C

③

10N

④

J

⑤

S

⑥

T

⑦

F

⑧

① 分类 Type	
WCH	绕线片式电感 Wire Wound Chip Inductor

② 外形尺寸 External Dimensions	
	1005 [0402]
	1608 [0603]
	2012 [0805]
	2520 [1008]
	3216 [1206]
	3225 [1210]
	4532 [1812]

③ 材料代号 Material Code	
C	陶瓷 Ceramic

④ 公称电感量 Nominal Inductance	
Example	Nominal Value
10N	10nH
R10	100nH
1R0	1.0nH

⑤ 电感公差 Inductance Tolerance	
B	±0.1nH
C	±0.2nH
S	±0.3nH
D	±0.5nH
G	±2%
H	±3%
J	±5%
K	±10%

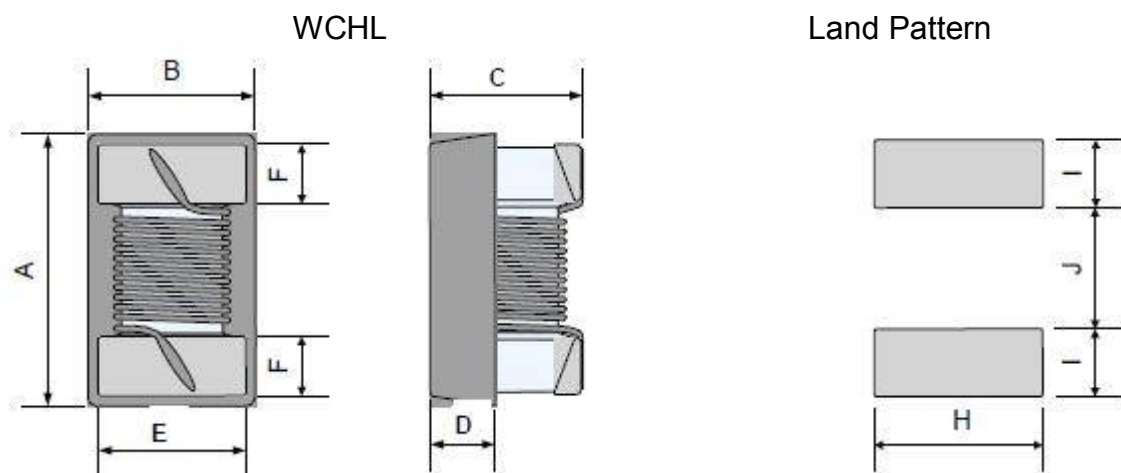
⑥ 特征代号 Feature Type	
S	镀锡五面封装 Sn Plating Five-faces Coating
G	镀金五面封装 Au Plating Five-faces Coating

⑦ 包装 Packing	
T	编带 Tape & Reel

⑧ 无有害物质产品 Hazardous Substance Free Products	
F	

外观尺寸

SHAPEDIMENSIONS



Series	A Max.	B Max.	C Max.	D Typ.	E Typ.	F Typ.	H Typ.	I Typ..	J Typ.
WCH1005C	1.19	0.64	0.66	0.20	0.50	0.20	0.65	0.35	0.50
WCH 1608C	1.80	1.12	1.02	0.38	0.76	0.33	1.02	0.64	0.64
WCH 012C	2.29	1.73	1.55	0.51	1.27	0.50	1.78	1.02	0.76
WCH 2520C	2.92	2.79	2.29	0.51	2.10	0.50	2.54	1.02	1.27
WCH 3216C	3.56	2.16	1.52	0.51	1.60	0.50	1.93	1.02	1.78
WCH 3225C	3.65	2.95	2.70	0.51	2.10	0.50	3.02	1.02	1.78
WCH 4532C	4.95	3.81	3.43	1.78	2.90	0.58	3.05	1.14	3.00

规格特性

SPECIFICATIONS

WCH1005 TYPE

Part Number 型号	Inductance 电感量	Tolerance 公差	Min. Quality Factor 品质因子	L, Q TestFreq. 测试 频率	Max. DC Resistanc e 直流电阻	Max. Rated Current 额定电流	Min.Self- resonant Frequenc y 自谐频率
Units 单位	nH	-	-	MHz	Ω	mA	MHz
Symbol 符号	L	-	Q	Freq..	DCR	Ir	S.R.F
WCH1005C0N8□STF	0.8	B,C,S,D,K	14	250	0.035	1000	>6000
WCH1005C1N8□STF	1.8	B,C,S,D,J,K	20	250	0.043	950	>6000
WCH1005C2N0□STF	2.0	B,C,S,D,J,K	23	250	0.043	950	>6000
WCH1005C2N2□STF	2.2	B,C,S,D,J,K	22	250	0.058	820	>6000
WCH1005C3N0□STF	3.0	S,D,K	24	250	0.063	790	>6000
WCH1005C3N3□STF	3.3	B,C,S,D,J,K	24	250	0.063	790	>6000
WCH1005C3N6□STF	3.6	B,C,S,D,J,K	24	250	0.063	790	>6000
WCH1005C3N9□STF	3.9	B,C,S,D,J,K	24	250	0.063	790	>6000
WCH1005C4N3□STF	4.3	B,C,S,D,J,K	22	250	0.070	750	>6000
WCH1005C4N7□STF	4.7	B,C,S,D,J,K	20	250	0.120	570	>6000
WCH1005C5N1□STF	5.1	B,C,S,D,J,K	23	250	0.100	620	>6000
WCH1005C5N6□STF	5.6	B,C,S,D,J,K	25	250	0.078	710	>6000
WCH1005C5N8□STF	5.8	B,C,S,D,J,K	25	250	0.078	710	>6000
WCH1005C6N2□STF	6.2	B,C,S,D,J,K	25	250	0.078	710	>6000
WCH1005C6N8□STF	6.8	G,H,J,K	24	250	0.105	610	6000
WCH1005C7N5□STF	7.5	G,H,J,K	25	250	0.12	570	6000
WCH1005C8N2□STF	8.2	G,H,J,K	25	250	0.11	590	5500
WCH1005C9N1□STF	9.1	G,H,J,K	25	250	0.11	590	5500
WCH1005C10N□STF	10	G,H,J,K	24	250	0.15	510	5500
WCH1005C11N□STF	11	G,H,J,K	26	250	0.12	570	5500
WCH1005C12N□STF	12	G,H,J,K	26	250	0.12	570	5500
WCH1005C13N□STF	13	G,H,J,K	24	250	0.18	460	5000

WCH1 1005 TYPE

Part Number 型号	Inductance 电感量	Tolerance 公差	Min. Quality Factor 品质因子	L, Q TestFreq. 测试 频率	Max. DC Resistanc e 直流电阻	Max. Rated Current 额定电流	Min.Self-resonant Frequency 自谐频率
Units 单位	nH	-	-	MHz	Ω	mA	MHz
Symbol 符号	L	-	Q	Freq..	DCR	Ir	S.R.F
WCH1005C14N□STF	14	G,H,J,K	26	250	0.21	430	5000
WCH1005C15N□STF	15	G,H,J,K	26	250	0.21	430	5000
WCH1005C16N□STF	16	G,H,J,K	25	250	0.28	370	4500
WCH1005C18N□STF	18	G,H,J,K	25	250	0.28	370	4500
WCH1005C19N□STF	19	G,H,J,K	26	250	0.24	400	4000
WCH1005C20N□STF	20	G,H,J,K	26	250	0.24	400	4000
WCH1005C22N□STF	22	G,H,J,K	25	250	0.36	330	4000
WCH1005C23N□STF	23	G,H,J,K	25	250	0.36	330	3800
WCH1005C24N□STF	24	G,H,J,K	25	250	0.36	330	3500
WCH1005C27N□STF	27	G,H,J,K	25	250	0.38	320	3500
WCH1005C30N□STF	30	G,H,J,K	25	250	0.38	320	3300
WCH1005C33N□STF	33	G,H,J,K	24	250	0.55	260	3200
WCH1005C36N□STF	36	G,H,J,K	25	250	0.60	250	3100
WCH1005C38N□STF	38	G,H,J,K	25	250	0.60	250	3000
WCH1005C39N□STF	39	G,H,J,K	25	250	0.60	250	3000
WCH1005C43N□STF	43	G,H,J,K	25	250	0.68	240	3000
WCH1005C47N□STF	47	G,H,J,K	25	250	0.95	200	2900
WCH1005C51N□STF	51	G,H,J,K	25	250	0.95	200	2850
WCH1005C56N□STF	56	G,H,J,K	25	250	1.05	190	2800
WCH1005C62N□STF	62	G,H,J,K	25	250	1.05	190	2600
WCH1005C68N□STF	68	G,H,J,K	25	250	1.35	170	2500
WCH1005C75N□STF	75	G,H,J,K	24	250	1.75	140	2400
WCH1005C82N□STF	82	G,H,J,K	25	250	1.90	140	2300
WCH1005C91N□STF	91	G,H,J,K	25	250	1.95	140	2100
WCH1005CR10□STF	100	G,H,J,K	24	250	2.06	130	1500
WCH1005CR11□STF	110	G,H,J,K	25	250	2.38	120	1200
WCH1005CR12□STF	120	G,H,J,K	25	250	2.66	110	1000

WCH1 608 TYPE

Part Number 型号	Inductance 电感量	Tolerance 公差	Min. Quality Factor 品质因子	L, Q TestFreq. 测试 频率	Max. DC Resistanc e 直流电阻	Max. Rated Current 额定电流	Min.Self-resonant Frequency 自谐频率
Units 单位	nH	-	-	MHz	Ω	mA	MHz
Symbol 符号	L	-	Q	Freq..	DCR	Ir	S.R.F
WCH1608C1N6□STF	1.6	S,D,K	18	250	0.035	1150	>6000
WCH1608C1N7□STF	1.7	C,S,D,J,K	16	250	0.043	1000	>6000
WCH1608C1N8□STF	1.8	C,S,D,J,K	18	250	0.043	1000	>6000
WCH1608C2N2□STF	2.2	S, D,K	13	250	0.150	700	>6000
WCH1608C2N7□STF	2.7	C,S,D,J,K	25	250	0.043	1000	>6000
WCH1608C3N3□STF	3.3	C,S,D,J,K	25	250	0.059	850	>6000
WCH1608C3N6□STF	3.6	C,S,D,J,K	25	250	0.059	850	>6000
WCH1608C3N9□STF	3.9	C,S,D,J,K	25	250	0.059	850	>6000
WCH1608C4N3□STF	4.3	C,S,D,J,K	25	250	0.059	850	>6000
WCH1608C4N7□STF	4.7	C,S,D,J,K	25	250	0.065	800	>6000
WCH1608C5N1□STF	5.1	C,S,D,J,K	21	250	0.130	600	>6000
WCH1608C6N2□STF	6.2	C,S,D,J,K	29	250	0.095	700	>6000
WCH1608C6N8□STF	6.8	G,H,J,K	29	250	0.095	700	>6000

WCH1 608 TYPE

Part Number 型号	Inductance 电感量	Tolerance 公差	Min. Quality Factor 品质因子	L, Q TestFreq. 测试 频率	Max. DC Resistanc e 直流电阻	Max. Rated Current 额定电流	Min.Self-resonant Frequency 自谐频率
Units 单位	nH	-	-	MHz	Ω	mA	MHz
Symbol 符号	L	-	Q	Freq..	DCR	Ir	S.R.F
WCH1608C7N5□STF	7.5	G,H,J,K	33	250	0.095	700	>6000
WCH1608C8N2□STF	8.2	G,H,J,K	31	250	0.095	700	>6000
WCH1608C8N7□STF	8.7	G,H,J,K	31	250	0.095	700	>6000
WCH1608C9N1□STF	9.1	G,H,J,K	30	250	0.120	620	6000
WCH1608C9N5□STF	9.5	G,H,J,K	26	250	0.160	540	6000
WCH1608C10N□STF	10	G,H,J,K	30	250	0.130	600	6000
WCH1608C11N□STF	11	G,H,J,K	35	250	0.130	600	6000
WCH1608C12N□STF	12	G,H,J,K	35	250	0.130	600	6000
WCH1608C13N□STF	13	G,H,J,K	35	250	0.130	600	6000
WCH1608C15N□STF	15	G,H,J,K	37	250	0.150	550	6000
WCH1608C16N□STF	16	G,H,J,K	37	250	0.150	550	5500
WCH1608C18N□STF	18	G,H,J,K	37	250	0.150	550	5500
WCH1608C20N□STF	20	G,H,J,K	37	250	0.150	550	4900
WCH1608C22N□STF	22	G,H,J,K	38	250	0.190	490	4600
WCH1608C23N□STF	23	G,H,J,K	40	250	0.190	490	3800
WCH1608C24N□STF	24	G,H,J,K	40	250	0.190	490	3800
WCH1608C25N□STF	25	G,H,J,K	40	250	0.190	490	3700
WCH1608C27N□STF	27	G,H,J,K	38	250	0.190	490	3700
WCH1608C30N□STF	30	G,H,J,K	38	250	0.210	470	3300
WCH1608C33N□STF	33	G,H,J,K	40	250	0.210	470	3200
WCH1608C36N□STF	36	G,H,J,K	40	250	0.220	460	2900
WCH1608C39N□STF	39	G,H,J,K	40	250	0.220	460	2800
WCH1608C43N□STF	43	G,H,J,K	40	250	0.270	400	2700
WCH1608C47N□STF	47	G,H,J,K	36	200	0.270	400	2600
WCH1608C51N□STF	51	G,H,J,K	35	200	0.300	390	2400
WCH1608C56N□STF	56	G,H,J,K	38	200	0.350	360	2400
WCH1608C62N□STF	62	G,H,J,K	36	200	0.380	350	2300
WCH1608C68N□STF	68	G,H,J,K	36	200	0.380	350	2200
WCH1608C72N□STF	72	G,H,J,K	34	150	0.430	320	2100
WCH1608C82N□STF	82	G,H,J,K	34	150	0.500	300	2000
WCH1608C91N□STF	91	G,H,J,K	34	150	0.520	300	1900
WCH1608CR10□STF	100	G,H,J,K	31	150	0.660	260	1800
WCH1608CR11□STF	110	G,H,J,K	32	150	0.730	250	1700
WCH1608CR12□STF	120	G,H,J,K	32	150	0.750	240	1600
WCH1608CR15□STF	150	G,H,J,K	32	150	1.120	200	1400
WCH1608CR16□STF	160	G,H,J,K	32	150	1.120	200	1400
WCH1608CR18□STF	180	G,H,J,K	25	100	1.380	180	1300
WCH1608CR20□STF	200	G,H,J,K	25	100	1.900	150	1250
WCH1608CR22□STF	220	G,H,J,K	25	100	2.100	140	1200
WCH1608CR24□STF	240	G,H,J,K	25	100	2.750	120	1100
WCH1608CR25□STF	250	G,H,J,K	25	100	2.800	120	1100
WCH1608CR27□STF	270	G,H,J,K	26	100	3.000	120	960
WCH1608CR33□STF	330	G,H,J,K	26	100	4.200	100	800
WCH1608CR39□STF	390	G,H,J,K	27	100	4.500	100	800
WCH1608CR42□STF	420	G,H,J,K	27	100	5.400	90	800
WCH1608CR47□STF	470	G,H,J,K	27	100	5.700	90	700
WCH1608CR56□STF	560	G,H,J,K	27	100	8.100	70	650

WCH2012 TYPE

Part Number 型号	Inductance 电感量	Tolerance 公差	Min. Quality Factor 品质因子	L, Q TestFreq. 测试频率	Max. DC Resistanc e 直流电阻	Max. Rated Current 额定电流	Min.Self-resonant Frequency 自谐频率
Units 单位	nH	-	-	MHz	Ω	mA	MHz
Symbol 符号	L	-	Q	Freq..	DCR	Ir	S.R.F
WCH2012C2N2□◎TF	2.2	G,H,J,K	40	250/1500	0.10	600	>6000
WCH2012C3N3□◎TF	3.3	G,H,J,K	25	250/1500	0.20	600	>6000
WCH2012C6N8□◎TF	6.8	G,H,J,K	40	250/1000	0.11	600	5000
WCH2012C8N2□◎TF	8.2	G,H,J,K	40	250/1000	0.19	600	4600
WCH2012C12N□◎TF	12	G,H,J,K	40	250/500	0.15	600	4000
WCH2012C15N□◎TF	15	G,H,J,K	40	250/500	0.17	600	2900
WCH2012C18N□◎TF	18	G,H,J,K	50	250/500	0.20	600	3300
WCH2012C22N□◎TF	22	G,H,J,K	55	250/500	0.22	500	2000
WCH2012C27N□◎TF	27	G,H,J,K	55	250/500	0.25	500	2500
WCH2012C33N□◎TF	33	G,H,J,K	60	250/500	0.27	500	2000
WCH2012C39N□◎TF	39	G,H,J,K	60	250/500	0.29	500	2000
WCH2012C47N□◎TF	47	G,H,J,K	50	200/500	0.31	500	1600
WCH2012C56N□◎TF	56	G,H,J,K	55	200/500	0.32	500	1550
WCH2012C68N□◎TF	68	G,H,J,K	55	200/500	0.38	500	1450
WCH2012C82N□◎TF	82	G,H,J,K	50	150/500	0.42	400	1300
WCH2012CR10□◎TF	100	G,H,J,K	50	150/500	0.46	400	1200
WCH2012CR12□◎TF	120	G,H,J,K	50	150/250	0.51	400	1100
WCH2012CR15□◎TF	150	G,H,J,K	50	100/250	0.56	400	920
WCH2012CR18□◎TF	180	G,H,J,K	50	100/250	0.64	400	870
WCH2012CR22□◎TF	220	G,H,J,K	45	100/250	1.10	400	850
WCH2012CR27□◎TF	270	G,H,J,K	38	100/250	1.00	350	650
WCH2012CR33□◎TF	330	G,H,J,K	40	100/250	1.40	310	600
WCH2012CR39□◎TF	390	G,H,J,K	35	100/250	1.50	290	560
WCH2012CR47□◎TF	470	G,H,J,K	33	50/100	1.72	250	375
WCH2012CR56□◎TF	560	G,H,J,K	23	25/50	1.90	230	320
WCH2012CR62□◎TF	620	G,H,J,K	23	25/50	1.95	200	280
WCH2012CR68□◎TF	680	G,H,J,K	23	25/50	2.05	190	270
WCH2012CR75□◎TF	750	G,H,J,K	23	25/50	2.10	180	240
WCH2012CR82□◎TF	820	G,H,J,K	23	25/50	2.30	180	250
WCH2012CR91□◎TF	910	G,H,J,K	22	25/50	2.40	160	230
WCH2012C1R0□◎TF	1000	G,H,J,K	20	25/50	2.50	150	200

WCH2520C TYP

Part Number 型号	Inductance 电感量	Tolerance 公差	Min. Quality Factor 品质因子	L, Q TestFreq. 测试频率	Max. DC Resistan ce 直流电阻	Max. Rated Current 额定电流	Min.Self-resonant Frequency 自谐频率
Units 单位	nH	-	-	MHz	Ω	mA	MHz
Symbol 符号	L	-	Q	Freq..	DCR	Ir	S.R.F
WCH2520C4N7□◎TF	4.7	G,H,J,K	50	50/1500	0.11	1000	>6000
WCH2520C10N□◎TF	10	G,H,J,K	50	50/1500	0.08	1000	4100
WCH2520C12N□◎TF	12	G,H,J,K	50	50/1500	0.09	1000	3300
WCH2520C15N□◎TF	15	G,H,J,K	50	50/1500	0.13	1000	2500
WCH2520C18N□◎TF	18	G,H,J,K	50	50/350	0.11	1000	2500
WCH2520C22N□◎TF	22	G,H,J,K	55	50/350	0.12	1000	2400
WCH2520C27N□◎TF	27	G,H,J,K	55	50/350	0.13	1000	1600
WCH2520C33N□◎TF	33	G,H,J,K	60	50/350	0.14	1000	1600
WCH2520C39N□◎TF	39	G,H,J,K	50	50/350	0.15	1000	1500
WCH2520C47N□◎TF	47	G,H,J,K	65	50/350	0.16	1000	1500

WCH2520C TYP

Part Number 型号	Inductance 电感量	Tolerance 公差	Min. Quality Factor 品质因子	L, Q TestFreq. 测试频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流	Min.Self-resonant Frequency 自谐频率
Units 单位	nH	-	-	MHz	Ω	mA	MHz
Symbol 符号	L	-	Q	Freq..	DCR	Ir	S.R.F
WCH2520C56N□◎TF	56	G,H,J,K	50	50/350	0.18	1000	1300
WCH2520C68N□◎TF	68	G,H,J,K	65	50/350	0.21	1000	1200
WCH2520C82N□◎TF	82	G,H,J,K	60	50/350	0.22	1000	800
WCH2520CR10□◎TF	100	G,H,J,K	60	25/350	0.56	650	1000
WCH2520CR12□◎TF	120	G,H,J,K	60	25/350	0.63	650	950
WCH2520CR15□◎TF	150	G,H,J,K	50	25/100	0.62	580	800
WCH2520CR18□◎TF	180	G,H,J,K	50	25/100	0.70	620	750
WCH2520CR22□◎TF	220	G,H,J,K	50	25/100	0.80	500	630
WCH2520CR27□◎TF	270	G,H,J,K	50	25/100	0.91	500	600
WCH2520CR33□◎TF	330	G,H,J,K	50	25/100	1.05	450	530
WCH2520CR39□◎TF	390	G,H,J,K	50	25/100	1.12	470	480
WCH2520CR47□◎TF	470	G,H,J,K	50	25/100	1.19	470	450
WCH2520CR56□◎TF	560	G,H,J,K	50	25/100	1.33	400	390
WCH2520CR62□◎TF	620	G,H,J,K	45	25/100	1.40	300	375
WCH2520CR68□◎TF	680	G,H,J,K	45	25/100	1.47	400	360
WCH2520CR75□◎TF	750	G,H,J,K	45	25/100	1.54	360	360
WCH2520CR82□◎TF	820	G,H,J,K	45	25/100	1.61	400	330
WCH2520CR91□◎TF	910	G,H,J,K	35	25/50	1.68	380	295
WCH2520C1R0□◎TF	1000	G,H,J,K	35	25/50	1.80	370	270
WCH2520C1R2□◎TF	1200	G,H,J,K	35	7.9/50	2.0	310	200
WCH2520C1R5□◎TF	1500	G,H,J,K	28	7.9/50	2.3	330	150
WCH2520C1R8□◎TF	1800	G,H,J,K	28	7.9/50	2.6	300	120
WCH2520C2R2□◎TF	2200	G,H,J,K	28	7.9/50	2.8	280	100
WCH2520C2R7□◎TF	2700	G,H,J,K	22	7.9/25	3.2	290	90
WCH2520C3R3□◎TF	3300	G,H,J,K	22	7.9/25	3.4	290	70
WCH2520C3R9□◎TF	3900	G,H,J,K	17	7.9/25	3.6	260	60
WCH2520C4R7□◎TF	4700	G,H,J,K	20	7.9/25	4.0	260	50
WCH2520C5R6□◎TF	5600	G,H,J,K	20	7.9/25	5.7	240	40
WCH2520C6R8□◎TF	6800	G,H,J,K	20	7.9/25	7.7	200	40
WCH2520C8R2□◎TF	8200	G,H,J,K	20	7.9/25	10.7	150	30

WCH3216 TYP

Part Number 型号	Inductance 电感量	Tolerance 公差	Min. Quality Factor 品质因子	L, Q TestFreq. 测试频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流	Min.Self-resonant Frequency 自谐频率
Units 单位	nH	-	-	MHz	Ω	mA	MHz
Symbol 符号	L	-	Q	Freq..	DCR	Ir	S.R.F
WCH3216C3N3□◎TF	3.3	G,H,J,K	20	100/300	0.07	1000	6200
WCH3216C6N8□◎TF	6.8	G,H,J,K	30	100/300	0.07	1000	5500
WCH3216C10N□◎TF	10	G,H,J,K	40	100/300	0.09	1000	4000
WCH3216C12N□◎TF	12	G,H,J,K	40	100/300	0.09	1000	3200
WCH3216C15N□◎TF	15	G,H,J,K	40	100/300	0.12	1000	3200
WCH3216C18N□◎TF	18	G,H,J,K	45	100/300	0.12	1000	2800
WCH3216C22N□◎TF	22	G,H,J,K	50	100/300	0.12	1000	2200
WCH3216C27N□◎TF	27	G,H,J,K	50	100/300	0.12	1000	1800
WCH3216C33N□◎TF	33	G,H,J,K	50	100/300	0.12	1000	1800
WCH3216C39N□◎TF	39	G,H,J,K	50	100/300	0.12	1000	1800

Part Number 型号	Inductance 电感量	Tolerance 公差	Min. Quality Factor 品质因子	L, Q TestFreq. 测试频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流	Min.Self-resonant Frequency 自谐频率
Units 单位	nH	-	-	MHz	Ω	mA	MHz
Symbol 符号	L	-	Q	Freq..	DCR	Ir	S.R.F
WCH3216C47N□◎TF	47	G,H,J,K	50	100/300	0.13	1000	1500
WCH3216C56N□◎TF	56	G,H,J,K	55	100/300	0.14	1000	1450
WCH3216C68N□◎TF	68	G,H,J,K	55	100/300	0.26	900	1200
WCH 3216C82N□◎TF	82	G,H,J,K	55	100/300	0.21	900	1200
WCH 3216CR10□◎TF	100	G,H,J,K	55	100/300	0.30	850	1100
WCH 3216CR12□◎TF	120	G,H,J,K	60	100/300	0.30	800	1100
WCH 3216CR15□◎TF	150	G,H,J,K	55	100/300	0.31	750	950
WCH 3216CR18□◎TF	180	G,H,J,K	60	50/300	0.43	700	900
WCH3216CR22□◎TF	220	G,H,J,K	60	50/300	0.56	670	760
WCH 3216CR27□◎TF	270	G,H,J,K	50	50/300	0.56	630	730
WCH 3216CR33□◎TF	330	G,H,J,K	45	50/150	0.70	590	650
WCH 3216CR39□◎TF	390	G,H,J,K	45	50/150	0.80	530	600
WCH 3216CR47□◎TF	470	G,H,J,K	45	50/150	1.30	490	550
WCH 3216CR56□◎TF	560	G,H,J,K	45	35/150	1.58	430	450
WCH 3216CR68□◎TF	680	G,H,J,K	45	35/150	1.34	460	470
WCH 3216CR82□◎TF	820	G,H,J,K	45	35/150	1.82	400	420
WCH 3216C1R0□◎TF	1000	G,H,J,K	45	35/150	2.80	320	400
WCH 3216C1R2□◎TF	1200	G,H,J,K	45	35/150	3.20	300	380

WCH3225C TYP

Part Number 型号	Inductance 电感量	Tolerance 公差	Min. Quality Factor 品质因子	L, Q TestFreq. 测试频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流	Min.Self-resonant Frequency 自谐频率
Units 单位	nH	-	-	MHz	Ω	mA	MHz
Symbol 符号	L	-	Q	Freq..	DCR	Ir	S.R.F
WCH3225C3N9□◎TF	3.9	G,H,J,K	30	100/300	0.05	1000	6000
WCH3225C4N7□◎TF	4.7	G,H,J,K	30	100/300	0.065	1000	5800
WCH3225C8N2□◎TF	8.2	G,H,J,K	30	100/300	0.07	900	5500
WCH3225C10N□◎TF	10	G,H,J,K	40	100/300	0.08	1000	4000
WCH3225C12N□◎TF	12	G,H,J,K	40	100/300	0.08	1000	3200
WCH3225C15N□◎TF	15	G,H,J,K	40	100/300	0.10	1000	3200
WCH 3225C18N□◎TF	18	G,H,J,K	50	100/300	0.10	1000	2800
WCH 3225C22N□◎TF	22	G,H,J,K	50	100/300	0.10	1000	2200
WCH3225C27N□◎TF	27	G,H,J,K	50	100/300	0.11	1000	1800
WCH 3225C33N□◎TF	33	G,H,J,K	55	100/300	0.11	1000	1800
WCH3225C39N□◎TF	39	G,H,J,K	55	100/300	0.12	1000	1500
WCH 3225C43N□◎TF	43	G,H,J,K	55	100/300	0.12	1000	1500
WCH3225C47N□◎TF	47	G,H,J,K	55	100/300	1.13	1000	1500
WCH3225C56N□◎TF	56	G,H,J,K	55	100/300	1.14	1000	1450
WCH 3225C68N□◎TF	68	G,H,J,K	55	100/300	1.15	900	1200
WCH3225C82N□◎TF	82	G,H,J,K	55	100/300	1.20	900	1000
WCH3225CR10□◎TF	100	G,H,J,K	60	100/300	0.20	850	900
WCH3225CR12□◎TF	120	G,H,J,K	60	100/300	0.25	800	800
WCH 3225CR15□◎TF	150	G,H,J,K	60	100/300	0.25	750	700
WCH 3225CR18□◎TF	180	G,H,J,K	60	50/300	0.30	700	650
WCH 3225CR22□◎TF	220	G,H,J,K	60	50/300	0.40	770	650
WCH 3225CR27□◎TF	270	G,H,J,K	40	50/300	0.40	630	580

Part Number 型号	Inductance 电感量	Tolerance 公差	Min. Quality Factor 品质因子	L, Q TestFreq. 测试频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流	Min.Self-resonant Frequency 自谐频率
Units 单位	nH	-	-	MHz	Ω	mA	MHz
Symbol 符号	L	-	Q	Freq..	DCR	I _r	S.R.F
WCH3225CR33□◎TF	330	G,H,J,K	45	50/150	0.58	590	580
WCH3225CR39□◎TF	390	G,H,J,K	45	50/150	0.58	530	510
WCH3225CR47□◎TF	470	G,H,J,K	45	50/150	0.80	490	480
WCH3225CR56□◎TF	560	G,H,J,K	45	35/150	1.10	460	420
WCH3225CR68□◎TF	680	G,H,J,K	45	35/150	1.20	430	400
WCH3225CR82□◎TF	820	G,H,J,K	45	35/150	1.82	400	370
WCH 3225C1R0□◎TF	1000	G,H,J,K	45	35/150	1.85	320	340
WCH 3225C1R2□◎TF	1200	G,H,J,K	35	35/150	1.87	300	220
WCH3225C1R5□◎TF	1500	G,H,J,K	20	7.9/50	1.95	310	160
WCH 3225C1R8□◎TF	1800	G,H,J,K	30	7.9/50	2.25	310	160
WCH3225C2R2□◎TF	2200	G,H,J,K	25	7.9/50	2.41	310	130
WCH 3225C2R7□◎TF	2700	G,H,J,K	25	7.9/50	2.85	300	110
WCH3225C3R0□◎TF	3000	G,H,J,K	20	7.9/25	3.12	300	110
WCH3225C3R9□◎TF	3900	G,H,J,K	20	7.9/25	3.60	290	60
WCH 3225C4R7□◎TF	4700	G,H,J,K	20	7.9/25	4.00	280	60
WCH 3225C5R6□◎TF	5600	G,H,J,K	15	7.9/25	5.00	250	50
WCH 3225C6R8□◎TF	6800	G,H,J,K	15	7.9	8.00	230	40
WCH 3225C8R6□◎TF	8600	G,H,J,K	15	7.9	9.00	200	40

WCH4532C TYP

Part Number 型号	Inductance 电感量	Tolerance 公差	Min. Quality Factor 品质因子	L, Q TestFreq. 测试频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流	Min.Self-resonant Frequency 自谐频率
Units 单位	uH	-	-	MHz	Ω	mA	MHz
Symbol 符号	L	-	Q	Freq..	DCR	I _r	S.R.F
WCH4532C1R0□◎TF	1.0	G,H,J,K	60	7.9/50	1.2	480	250
WCH4532C1R2□◎TFF	1.2	G,H,J,K	60	7.9/50	1.2	480	230
WCH4532C1R5□◎TF	1.5	G,H,J,K	60	7.9/50	1.6	430	210
WCH4532C1R8□◎TF	1.8	G,H,J,K	55	7.9/50	2.0	380	150
WCH 4532C2R2□◎TF	2.2	G,H,J,K	55	7.9/50	2.2	340	150
WCH 4532C2R7□◎TF	2.7	G,H,J,K	55	7.9/50	3.2	300	150
WCH 4532C3R3□◎TF	3.3	G,H,J,K	55	7.9/50	3.8	270	130
WCH 4532C3R9□◎TF	3.9	G,H,J,K	55	7.9/50	5.0	240	120
WCH 4532C4R7□◎TF	4.7	G,H,J,K	55	7.9/50	5.4	230	90
WCH 4532C5R6□◎TF	5.6	G,H,J,K	45	7.9/50	5.7	220	90
WCH 4532C6R8□◎TF	6.8	G,H,J,K	30	7.9/50	6.6	210	80
WCH 4532C8R2□◎TF	8.2	G,H,J,K	20	7.9/50	7.0	200	70
WCH 4532C100□◎TF	10	G,H,J,K	15	7.9/50	7.7	190	60
WCH 4532C120□◎TF	12	G,H,J,K	30	2.5/10	8.7	180	50
WCH 4532C150□◎TF	15	G,H,J,K	30	2.5/10	9.6	170	30
WCH 4532C180□◎TF	18	G,H,J,K	25	2.5/10	10.5	160	30
WCH 4532C220□◎TF	22	G,H,J,K	25	2.5/10	11.5	155	20
WCH 4532C270□◎TF	27	G,H,J,K	25	2.5/10	12.5	150	20
WCH 4532C330□◎TF	33	G,H,J,K	10	2.5/10	13.5	145	10

※ □: Please specify the inductance tolerance code (B=±0.1nH, C=±0.2nH, S=±0.3nH, D=±0.5nH, G=±2%, H=±3%, J=±5%, K=±10%).

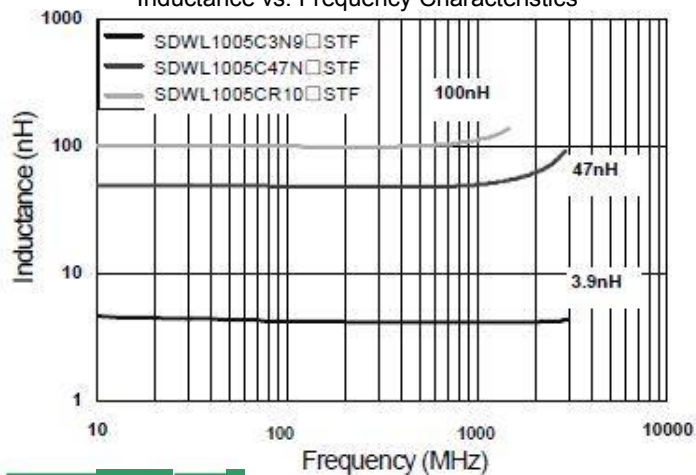
※ ◎: For the product of 2012 and above size, please specify the electrodes code: S means Sn Plating, G means Au Plating.

开拓创新，精益求精，满足客户要求！

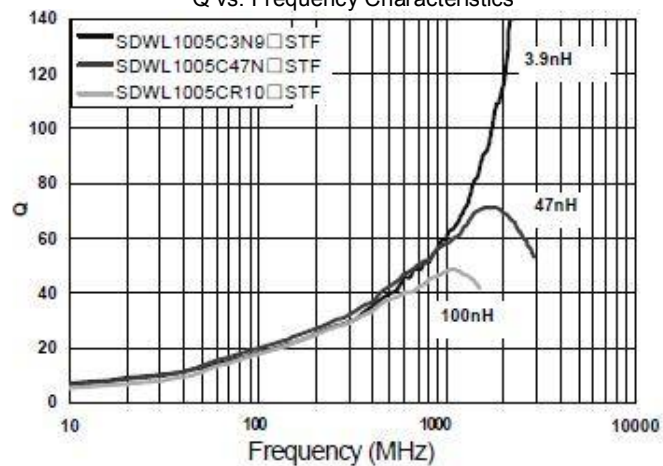
东莞市祥如电子有限公司 www.xiangrudz.com

WCHI1005 TYPE

Inductance vs. Frequency Characteristics

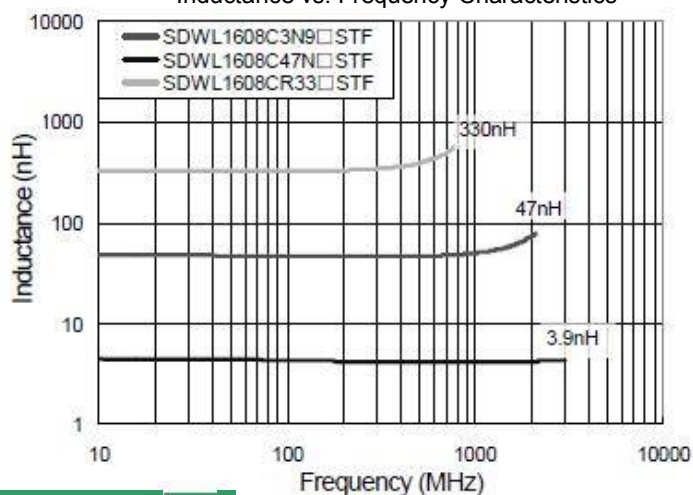


Q vs. Frequency Characteristics

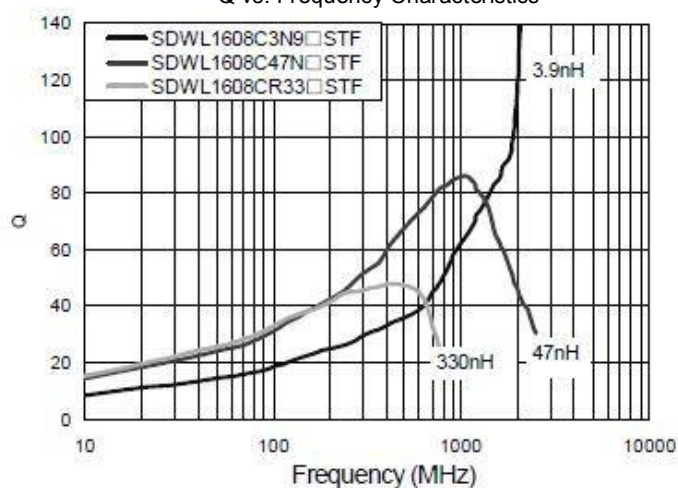


WCHI1608C TYPE

Inductance vs. Frequency Characteristics

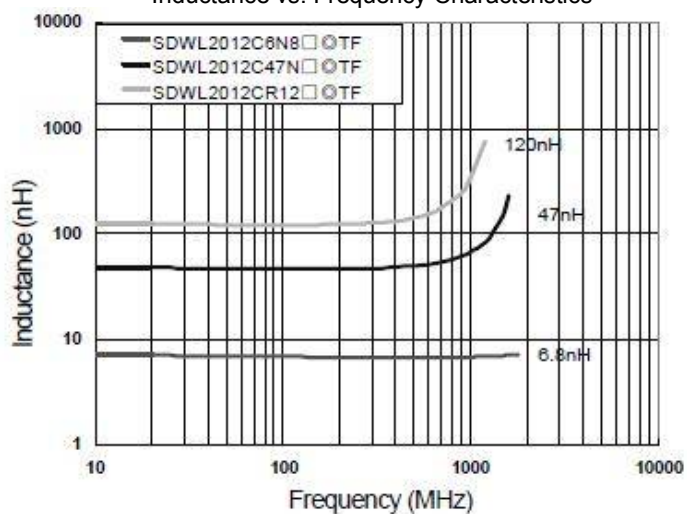


Q vs. Frequency Characteristics

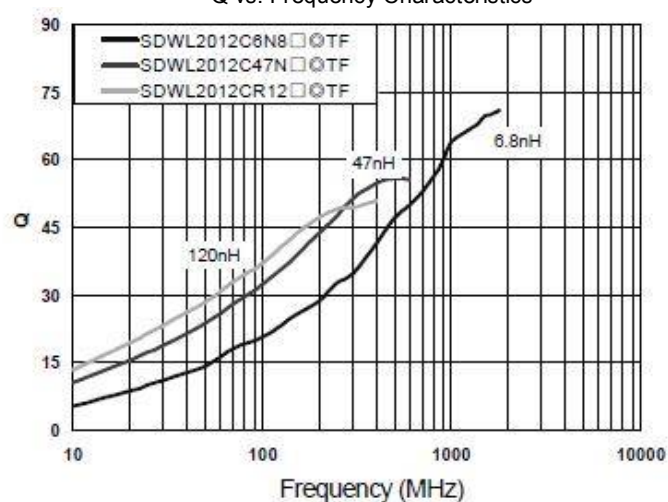


WCHI2012C TYPE

Inductance vs. Frequency Characteristics



Q vs. Frequency Characteristics

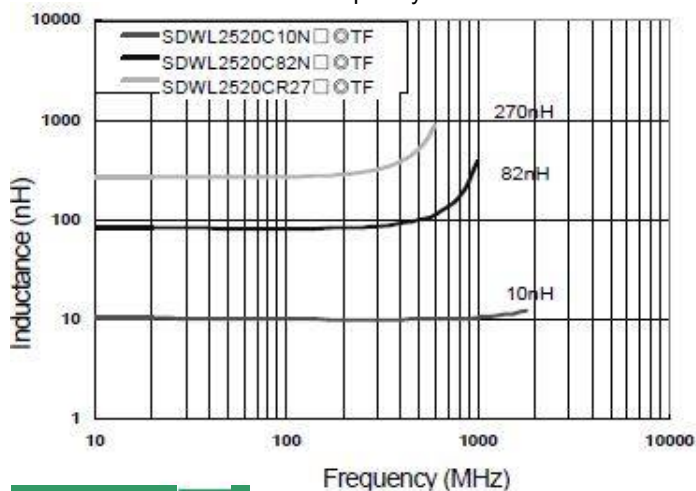


电气特性

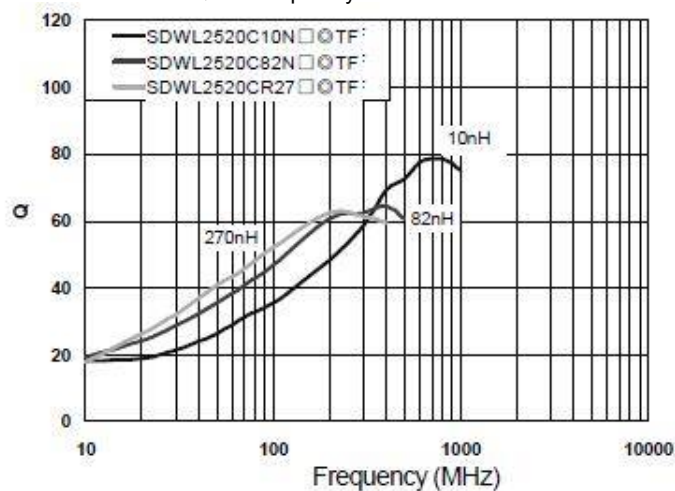
DETAIL

WCHI2520C TYPE

Inductance vs. Frequency Characteristics

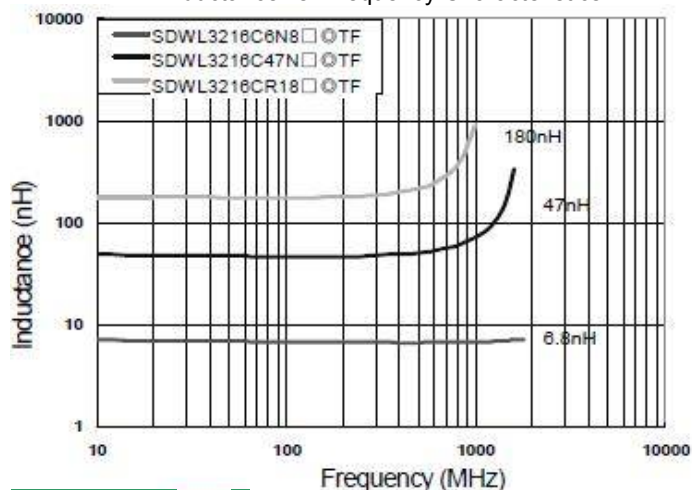


Q vs. Frequency Characteristics

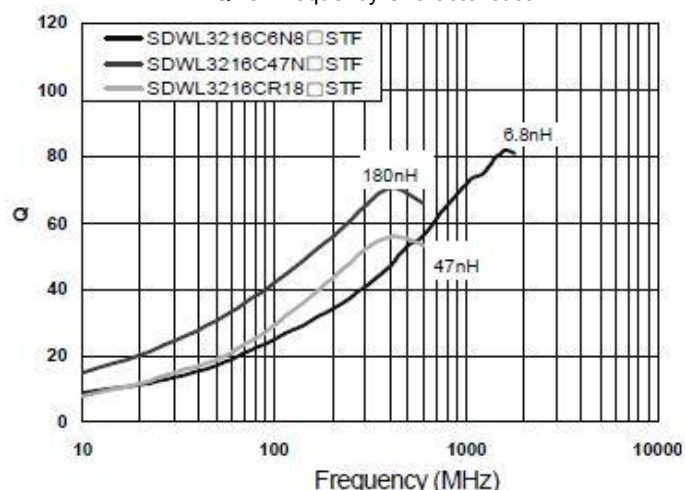


WCHI3216C TYPE

Inductance vs. Frequency Characteristics

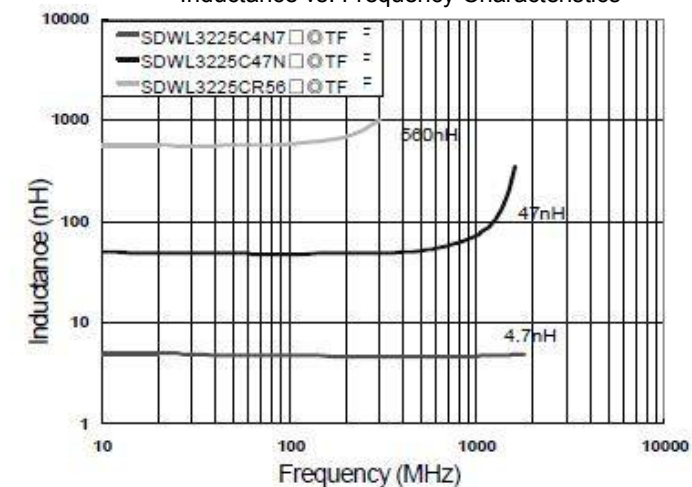


Q vs. Frequency Characteristics

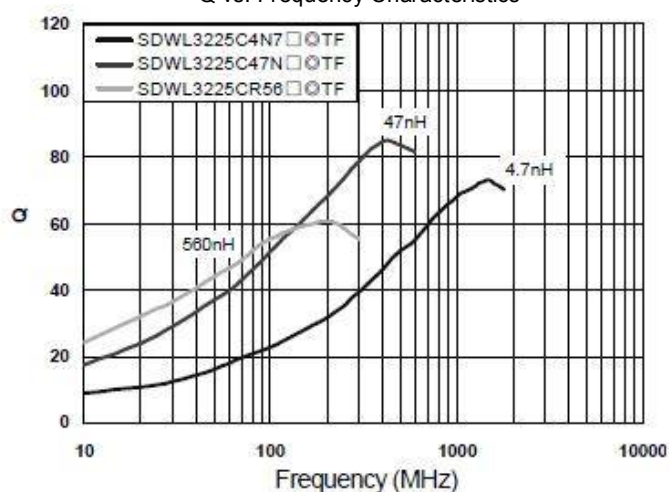


WCHI3225C TYPE

Inductance vs. Frequency Characteristics



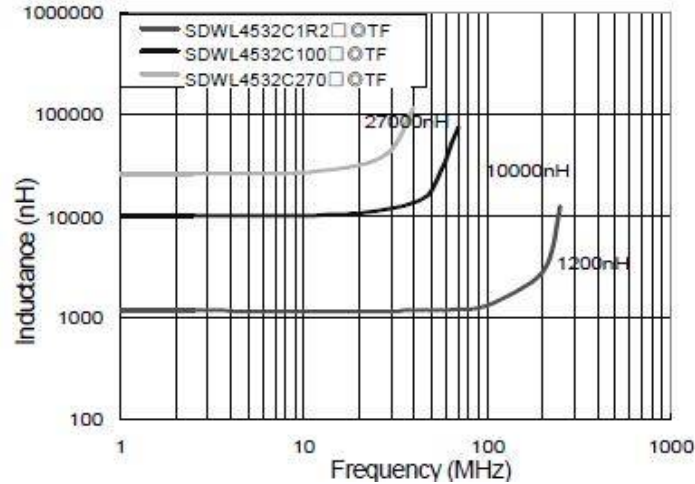
Q vs. Frequency Characteristics



电气特性

WCH4532C TYPE

Inductance vs. Frequency Characteristics



Q vs. Frequency Characteristics

