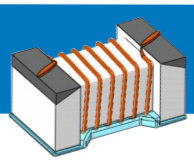
绕线片式陶瓷电感—MWSD-C 系列
Wire Wound Chip Ceramic Inductor – MWSD – C Series



工作温度 Operating Temp

- -40˚C ~+125˚C

特征 Features

- 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
- 单面封装，较 SDWL-C 系列厚度更薄
- Small chip suitable for surface mounting
- High Q value and high self-resonant frequency with ceramic material
- Tight inductance tolerance and high reliability
- Single-sided package, thinner than SDWL-C series

用途 Applications

- 通讯设备、无线模块的高频线路
- 移动电话、智能手表等便携式电子设备
- 蓝牙、无线网、宽带网
- High frequency line of communication equipment and wireless module
- Mobile phones, smart watches and other portable electronic devices
- Bluetooth, W-LAN, Broadband network

产品型号 Product Identification

1	2	3	4	5	6	7
MWSD	1005	C	10N	□	T	□□□

1 分类 Type

MWSD	绕线片式电感 Wound Chip Inductor

2 外形尺寸 External Dimensions

0603 [0201]	0.53×0.4
0804 [03015]	0.8×0.4
1005 [0402]	1.1×0.5 1.1×0.6
1608 [0603]	1.6×0.8 1.6×0.9 1.6×1.0

3 材料代号 Material Code

C	陶瓷 Ceramic

4 公称电感量 Nominal Inductance

Example	Nominal Value
4N7	4.7nH
10N	10nH
R10	100nH

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%

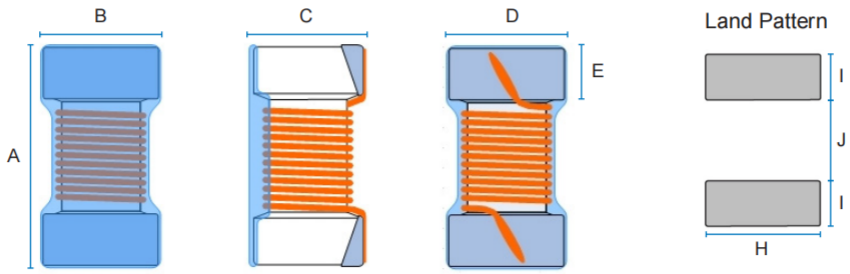
6 包装 Packing

B	散装包装 Bulk Package
T	编带 Tape & Reel

7 设计代码 Design Code

□□□	Design Code
*Standard product is blank	

外观尺寸 Shape and Dimensions



外观尺寸
Shape and Dimensions

Unit: mm

Series	A	B	C	D	E	H REF.	I REF.	J REF.
MWSD0603C	0.53±0.05	0.40±0.05	0.40±0.05	0.40±0.05	0.10±0.05	0.50	0.20	0.23
MWSD0804C	0.80±0.05	0.40±0.05	0.40±0.05	0.40±0.05	0.15±0.05	0.50	0.25	0.43
MWSD1005C	1.1±0.1	0.6±0.1	0.55±0.1	0.5±0.1	0.2±0.1	0.65	0.35	0.50
MWSD1608C	1.60±0.20	0.90±0.20	0.90±0.20	0.85	0.30	1.02	0.64	0.64
MWSD1005C-N	1.1±0.1	0.6±0.1	0.60±0.10	0.50±0.10	0.20±0.10	0.65	0.35	0.50
MWSD1608C-N	1.6±0.20	1.00±0.20	0.80±0.20	0.80	0.30	1.02	0.64	0.64
MWSD1608C-S	1.6±0.20	0.8±0.20	0.80±0.20	0.8	0.30	1.02	0.64	0.64
MWSD1608C-B/Y	1.60±0.20	0.90±0.20	0.90±0.20	0.85	0.30	1.02	0.64	0.64

规格特性
Specifications

MWSD0603C TYPE

型号 Part Number	电感量 Inductance	公差 Tolerance	品质因子 Min. Quality Factor	测试频率 L/Q Test Freq.	自谐频率 Min. Self-resonant Frequency	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	nH	-	-	MHz	MHz	Ω	mA
符号 Symbol	L	-	Q	Freq.	S.R.F	DCR	Ir
MWSD0603C1N0 ☐ T	1.0	C,D	48	250/900	19000	0.03	900
MWSD0603C1N1 ☐ T	1.1	C,D	41	250/900	19000	0.06	660
MWSD0603C1N7 ☐ T	1.7	C,D	41	250/900	19000	0.07	600
MWSD0603C1N8 ☐ T	1.8	C,D	37	250/900	19000	0.10	520
MWSD0603C1N9 ☐ T	1.9	C,D	41	250/900	19000	0.08	620
MWSD0603C2N0 ☐ T	2.0	C,D	42	250/900	19000	0.10	490
MWSD0603C2N1 ☐ T	2.1	C,D	35	250/900	19000	0.16	400
MWSD0603C2N2 ☐ T	2.2	C,D	33	250/900	19000	0.16	400
MWSD0603C2N7 ☐ T	2.7	C,D	46	250/900	15000	0.06	720
MWSD0603C2N8 ☐ T	2.8	C,D	44	250/900	14000	0.08	600
MWSD0603C2N9 ☐ T	2.9	C,D	41	250/900	13000	0.10	540
MWSD0603C3N0 ☐ T	3.0	C,D	34	250/900	14000	0.22	350
MWSD0603C3N1 ☐ T	3.1	C,D	48	250/900	12000	0.07	720
MWSD0603C3N2 ☐ T	3.2	C,D	48	250/900	10000	0.08	580
MWSD0603C3N3 ☐ T	3.3	C,D	47	250/900	11000	0.11	520
MWSD0603C3N4 ☐ T	3.4	C,D	43	250/900	11000	0.15	440
MWSD0603C3N5 ☐ T	3.5	C,D	43	250/900	12000	0.15	440
MWSD0603C3N6 ☐ T	3.6	C,D	36	250/900	11000	0.23	340
MWSD0603C3N7 ☐ T	3.7	C,D	38	250/900	11000	0.23	340
MWSD0603C3N9 ☐ T	3.9	C,D	38	250/900	11000	0.25	500
MWSD0603C4N1 ☐ T	4.1	C,D	48	100/900	11000	0.07	650
MWSD0603C4N3 ☐ T	4.3	D,J	45	100/900	11000	0.12	480
MWSD0603C4N7 ☐ T	4.7	D,J	45	100/900	9500	0.09	620
MWSD0603C5N1 ☐ T	5.1	D,J	45	100/900	9500	0.14	480
MWSD0603C5N4 ☐ T	5.4	D,J	46	100/900	9500	0.21	420
MWSD0603C5N6 ☐ T	5.6	D,J	37	100/900	8300	0.33	330
MWSD0603C6N0 ☐ T	6.0	D,J	47	100/900	8800	0.16	460
MWSD0603C6N2 ☐ T	6.2	D,J	39	100/900	9900	0.22	360
MWSD0603C6N8 ☐ T	6.8	D,J	42	100/900	7700	0.18	460
MWSD0603C7N5 ☐ T	7.5	D,J	41	100/900	7500	0.24	400
MWSD0603C8N2 ☐ T	8.2	D,J	40	100/900	8500	0.26	290
MWSD0603C8N7 ☐ T	8.7	D,J	39	100/900	7500	0.42	290
MWSD0603C9N1 ☐ T	9.1	D,J	46	100/900	6400	0.22	460
MWSD0603C10N ☐ T	10.0	J	37	100/900	7200	0.46	250
MWSD0603C11N ☐ T	11.0	J	37	100/900	7000	0.47	260
MWSD0603C12N ☐ T	12.0	J	39	100/900	6000	0.54	280
MWSD0603C13N ☐ T	13.0	J	39	100/900	5900	0.54	280
MWSD0603C14N ☐ T	14.0	J	37	100/900	6000	0.53	240
MWSD0603C15N ☐ T	15	J	38	100/900	5700	0.60	230
MWSD0603C17N ☐ T	17	J	37	100/900	4200	0.60	230
MWSD0603C18N ☐ T	18	J	36	100/900	4000	0.70	230

All information and data presented in this Catalog are for information only. You are requested to approve our product specification before your ordering.

规格特性
Specifications

MWSD0603C TYPE

型号 Part Number	电感量 Inductance	公差 Tolerance	品质因子 Min. Quality Factor	测试频率 L/Q Test Freq.	自谐频率 Min. Self-resonant Frequency	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	nH	-	-	MHz	MHz	Ω	mA
符号 Symbol	L	-	Q	Freq.	S.R.F	DCR	Ir
MWSD0603C20N ☐ T	20	J	34	100/900	3600	0.78	220
MWSD0603C24N ☐ T	24	J	34	100/900	3000	0.90	210
MWSD0603C27N ☐ T	27	J	34	100/900	3300	0.95	210
MWSD0603C30N ☐ T	30	J	31	100/900	2100	1.05	200
MWSD0603C33N ☐ T	33	J	31	100/900	2400	1.18	200
MWSD0603C39N ☐ T	39	J	29	100/900	1900	1.30	200
MWSD0603C47N ☐ T	47	J	28	100/900	1700	1.50	200
MWSD0603C51N ☐ T	51	J	21	50/900	1250	1.50	190
MWSD0603C56N ☐ T	56	J	21	50/900	1200	1.60	190
MWSD0603C68N ☐ T	68	J	18	50/900	1000	1.75	180
MWSD0603C82N ☐ T	82	J	13	50/100	800	1.85	280
MWSD0603CR10 ☐ T	100	J	13	50/100	600	2.0	250

MWSD0804C TYPE

型号 Part Number	电感量 Inductance	公差 Tolerance	品质因子 Min. Quality Factor	测试频率 L/Q Test Freq.	自谐频率 Min. Self-resonant Frequency	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	nH	-	-	MHz	MHz	Ω	mA
符号 Symbol	L	-	Q	Freq.	S.R.F	DCR	Ir
MWSD0804C0N8 ☐ T	0.8	C,D	23	100/250	20000	0.02	1800
MWSD0804C1N1 ☐ T	1.1	C,D	15	100/250	20000	0.03	990
MWSD0804C1N3 ☐ T	1.3	C,D	15	100/250	20000	0.03	1500
MWSD0804C1N5 ☐ T	1.5	C,D	15	100/250	17000	0.06	700
MWSD0804C1N6 ☐ T	1.6	C,D	15	100/250	17000	0.06	700
MWSD0804C1N7 ☐ T	1.7	C,D	15	100/250	17000	0.06	700
MWSD0804C1N8 ☐ T	1.8	C,D	15	100/250	17000	0.06	700
MWSD0804C1N9 ☐ T	1.9	C,D	10	100/250	15000	0.12	490
MWSD0804C2N3 ☐ T	2.3	C,D	18	100/250	20000	0.07	780
MWSD0804C2N4 ☐ T	2.4	C,D	15	100/250	15000	0.07	570
MWSD0804C2N5 ☐ T	2.5	C,D	10	100/250	10000	0.12	490
MWSD0804C2N6 ☐ T	2.6	C,D	15	100/250	15000	0.07	620
MWSD0804C2N7 ☐ T	2.7	C,D	15	100/250	15000	0.07	570
MWSD0804C2N8 ☐ T	2.8	C,D	15	100/250	15000	0.07	620
MWSD0804C3N0 ☐ T	3.0	C,D	15	100/250	13000	0.07	620
MWSD0804C3N3 ☐ T	3.3	C,D	10	100/250	10000	0.14	440
MWSD0804C3N4 ☐ T	3.4	C,D	10	100/250	8000	0.27	310
MWSD0804C3N6 ☐ T	3.6	C,D	15	100/250	13000	0.10	530
MWSD0804C3N7 ☐ T	3.7	C,D	20	100/250	10000	0.14	440
MWSD0804C3N8 ☐ T	3.8	C,D	15	100/250	11000	0.10	530
MWSD0804C3N9 ☐ T	3.9	C,D	15	100/250	12000	0.10	530
MWSD0804C4N3 ☐ T	4.3	C,D	15	100/250	11000	0.10	530
MWSD0804C4N5 ☐ T	4.5	C,D	20	100/250	10000	0.14	440
MWSD0804C5N0 ☐ T	5.0	C,D	15	100/250	9000	0.23	350
MWSD0804C5N1 ☐ T	5.1	C,D	20	100/250	10000	0.12	470
MWSD0804C5N6 ☐ T	5.6	C,D	20	100/250	9000	0.12	470
MWSD0804C6N2 ☐ T	6.2	C,D	20	100/250	9000	0.19	390
MWSD0804C6N5 ☐ T	6.5	C,D	20	100/250	9000	0.19	390
MWSD0804C6N8 ☐ T	6.8	C,D	20	100/250	9000	0.14	440
MWSD0804C7N5 ☐ T	7.5	C,D	20	100/250	8000	0.14	440
MWSD0804C8N2 ☐ T	8.2	C,D	20	100/250	8000	0.23	350
MWSD0804C9N0 ☐ T	9.0	C,D	20	100/250	7000	0.26	330
MWSD0804C9N1 ☐ T	9.1	C,D	20	100/250	7000	0.16	400

规格特性
Specifications

MWSD0804C TYPE

型号 Part Number	电感量 Inductance	公差 Tolerance	品质因子 Min. Quality Factor	测试频率 L/Q Test Freq.	自谐频率 Min. Self-resonant Frequency	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	nH	-	-	MHz	MHz	Ω	mA
符号 Symbol	L	-	Q	Freq.	S.R.F	DCR	Ir
MWSD0804C9N5 ☐ T	9.5	C,D	20	100/250	7000	0.26	330
MWSD0804C9N9 ☐ T	9.9	C,D	20	100/250	7000	0.26	330
MWSD0804C10N ☐ T	10	H,J	20	100/250	7000	0.26	330
MWSD0804C12N ☐ T	12	H,J	15	100/250	6000	0.28	310
MWSD0804C15N ☐ T	15	H,J	15	100/250	5500	0.48	220
MWSD0804C18N ☐ T	18	H,J	15	100/250	5000	0.54	220
MWSD0804C24N ☐ T	24	H,J	15	100/250	4000	0.95	160
MWSD0804C33N ☐ T	33	H,J	15	100/250	4000	1.11	140
MWSD0804C43N ☐ T	43	J	15	100/250	1600	1.20	180
MWSD0804C56N ☐ T	56	J	13	100/250	1200	1.60	130

MWSD1005C TYPE

型号 Part Number	电感量 Inductance	公差 Tolerance	品质因子 Min. Quality Factor	测试频率 L/Q Test Freq.	自谐频率 Min. Self-resonant Frequency	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	nH	-	-	MHz	MHz	Ω	mA
符号 Symbol	L	-	Q	Freq.	S.R.F	DCR	Ir
MWSD1005C0N8 ☐ T	0.8	B,C,S	14	250	6000	0.035	1000
MWSD1005C1N0 ☐ T	1.0	B,C,S,K	10	250	6000	0.085	650
MWSD1005C1N1 ☐ T	1.1	B,C,S,K	22	500	6000	0.100	650
MWSD1005C1N5 ☐ T	1.5	B,C,S,D,J,K	22	250	6000	0.042	950
MWSD1005C1N8 ☐ T	1.8	B,C,S,D,J,K	20	250	6000	0.043	950
MWSD1005C1N9 ☐ T	1.9	B,C,S,D,J,K	20	250	6000	0.043	950
MWSD1005C2N0 ☐ T	2.0	B,C,S,D,J,K	23	250	6000	0.043	950
MWSD1005C2N2 ☐ T	2.2	B,C,S,D,J,K	22	250	6000	0.058	820
MWSD1005C2N4 ☐ T	2.4	B,C,S,D,J,K	18	250	6000	0.091	650
MWSD1005C2N7 ☐ T	2.7	B,C,S,D,J,K	24	250	6000	0.050	900
MWSD1005C3N0 ☐ T	3.0	C,S,D,J,K	24	250	6000	0.063	790
MWSD1005C3N3 ☐ T	3.3	B,C,S,D,J,K	24	250	6000	0.063	790
MWSD1005C3N6 ☐ T	3.6	B,C,S,D,J,K	24	250	6000	0.063	790
MWSD1005C3N9 ☐ T	3.9	B,C,S,D,J,K	24	250	6000	0.063	790
MWSD1005C4N1 ☐ T	4.1	B,C,S,D,J,K	22	250	6000	0.070	700
MWSD1005C4N3 ☐ T	4.3	B,C,S,D,J,K	22	250	6000	0.070	750
MWSD1005C4N7 ☐ T	4.7	B,C,S,D,J,K	20	250	6000	0.120	570
MWSD1005C5N1 ☐ T	5.1	B,C,S,D,J,K	23	250	6000	0.100	620
MWSD1005C5N6 ☐ T	5.6	B,C,S,D,J,K	25	250	6000	0.078	710
MWSD1005C5N8 ☐ T	5.8	B,C,S,D,J,K	25	250	6000	0.078	710
MWSD1005C6N2 ☐ T	6.2	B,C,S,D,J,K	25	250	6000	0.078	710
MWSD1005C6N8 ☐ T	6.8	G,H,J,K	24	250	6000	0.105	610
MWSD1005C7N5 ☐ T	7.5	G,H,J,K	25	250	6000	0.12	570
MWSD1005C8N2 ☐ T	8.2	G,H,J,K	25	250	5500	0.11	590
MWSD1005C8N7 ☐ T	8.7	G,H,J,K	25	250	5500	0.11	590
MWSD1005C9N0 ☐ T	9.0	G,H,J,K	25	250	5500	0.11	590
MWSD1005C9N1 ☐ T	9.1	G,H,J,K	25	250	5500	0.11	590
MWSD1005C10N ☐ T	10	G,H,J,K	24	250	5500	0.15	510
MWSD1005C11N ☐ T	11	G,H,J,K	26	250	5500	0.12	570
MWSD1005C12N ☐ T	12	G,H,J,K	26	250	5500	0.12	570
MWSD1005C13N ☐ T	13	G,H,J,K	24	250	5000	0.18	460
MWSD1005C14N ☐ T	14	G,H,J,K	26	250	5000	0.21	430
MWSD1005C15N ☐ T	15	G,H,J,K	26	250	5000	0.21	430
MWSD1005C16N ☐ T	16	G,H,J,K	25	250	4500	0.28	370
MWSD1005C18N ☐ T	18	G,H,J,K	25	250	4500	0.28	370

All information and data presented in this Catalog are for information only. You are requested to approve our product specification before your ordering.

规格特性
Specifications

MWSD1005C TYPE

型号 Part Number	电感量 Inductance	公差 Tolerance	品质因子 Min. Quality Factor	测试频率 L/Q Test Freq.	自谐频率 Min. Self-resonant Frequency	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	nH	-	-	MHz	MHz	Ω	mA
符号 Symbol	L	-	Q	Freq.	S.R.F	DCR	Ir
MWSD1005C19N ☐ T	19	G,H,J,K	26	250	4000	0.24	400
MWSD1005C20N ☐ T	20	G,H,J,K	26	250	4000	0.24	400
MWSD1005C22N ☐ T	22	G,H,J,K	25	250	4000	0.36	330
MWSD1005C23N ☐ T	23	G,H,J,K	25	250	3800	0.36	330
MWSD1005C24N ☐ T	24	G,H,J,K	25	250	3500	0.36	330
MWSD1005C27N ☐ T	27	G,H,J,K	25	250	3500	0.38	320
MWSD1005C30N ☐ T	30	G,H,J,K	25	250	3300	0.38	320
MWSD1005C33N ☐ T	33	G,H,J,K	24	250	3200	0.55	260
MWSD1005C36N ☐ T	36	G,H,J,K	25	250	3100	0.60	250
MWSD1005C38N ☐ T	38	G,H,J,K	25	250	3000	0.60	250
MWSD1005C39N ☐ T	39	G,H,J,K	25	250	3000	0.60	250
MWSD1005C43N ☐ T	43	G,H,J,K	25	250	3000	0.68	240
MWSD1005C47N ☐ T	47	G,H,J,K	25	250	2900	0.95	200
MWSD1005C51N ☐ T	51	G,H,J,K	25	250	2850	0.95	200
MWSD1005C56N ☐ T	56	G,H,J,K	25	250	2800	1.05	190
MWSD1005C62N ☐ T	62	G,H,J,K	25	250	2600	1.05	190
MWSD1005C68N ☐ T	68	G,H,J,K	25	250	2500	1.35	170
MWSD1005C75N ☐ T	75	G,H,J,K	24	250	2400	1.75	140
MWSD1005C82N ☐ T	82	G,H,J,K	25	250	2300	1.90	140
MWSD1005C91N ☐ T	91	G,H,J,K	25	250	2100	1.95	140
MWSD1005C96N ☐ T	96	G,H,J,K	24	250	1500	2.06	130
MWSD1005CR10 ☐ T	100	G,H,J,K	24	250	1500	2.06	130
MWSD1005CR11 ☐ T	110	G,H,J,K	25	250	1200	2.38	120
MWSD1005CR12 ☐ T	120	J,K	25	250	1000	2.66	110
MWSD1005CR22 ☐ T	220	J,K	12	100	450	2.40	160
MWSD1005CR27 ☐ T	270	JK	10	100	400	3.30	100

MWSD1608C TYPE

型号 Part Number	电感量 Inductance	公差 Tolerance	品质因子 Min. Quality Factor	测试频率 L/Q Test Freq.	自谐频率 Min. Self-resonant Frequency	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	nH	-	-	MHz	MHz	Ω	mA
符号 Symbol	L	-	Q	Freq.	S.R.F	DCR	Ir
MWSD1608C1N0 ☐ T	1.0	M	18	6/250	6000	0.005	5000
MWSD1608C1N6 ☐ T	1.6	C,D,K	22	250/250	6000	0.035	1150
MWSD1608C1N8 ☐ T	1.8	C,D,K	18	250/250	6000	0.045	1000
MWSD1608C2N0 ☐ T	2.0	B,C,D,K	15	100/100	6000	0.15	700
MWSD1608C2N2 ☐ T	2.2	B,C,D,K	13	250/250	6000	0.15	700
MWSD1608C2N7 ☐ T	2.7	C,D,J,K	25	250/250	6000	0.043	1000
MWSD1608C3N3 ☐ T	3.3	C,D,J,K	25	250/250	6000	0.059	850
MWSD1608C3N6 ☐ T	3.6	C,D,J,K	25	250/250	6000	0.059	850
MWSD1608C3N9 ☐ T	3.9	C,D,J,K	25	250/250	6000	0.059	850
MWSD1608C4N7 ☐ T	4.7	C,D,J,K	25	250/250	6000	0.065	800
MWSD1608C5N1 ☐ T	5.1	C,D,J,K	21	250/250	6000	0.13	600
MWSD1608C5N6 ☐ T	5.6	B,C,D,J,K	38	250/250	6000	0.045	900
MWSD1608C6N2 ☐ T	6.2	C,D,J,K	29	250/250	6000	0.095	700
MWSD1608C6N8 ☐ T	6.8	C,D,J,K	29	250/250	6000	0.095	700
MWSD1608C7N5 ☐ T	7.5	C,D,J,K	33	250/250	6000	0.095	700
MWSD1608C8N2 ☐ T	8.2	C,D,J,K	31	250/250	6000	0.095	700
MWSD1608C8N7 ☐ T	8.7	C,D,J,K	31	250/250	6000	0.095	700
MWSD1608C9N1 ☐ T	9.1	C,D,J,K	30	250/250	6000	0.12	620
MWSD1608C9N5 ☐ T	9.5	C,D,J,K	26	250/250	6000	0.16	540

规格特性
Specifications

MWSD1608C TYPE

型号 Part Number	电感量 Inductance	公差 Tolerance	品质因子 Min. Quality Factor	测试频率 L/Q Test Freq.	自谐频率 Min. Self-resonant Frequency	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	nH	-	-	MHz	MHz	Ω	mA
符号 Symbol	L	-	Q	Freq.	S.R.F	DCR	Ir
MWSD1608C10N ☐ T	10	G,H,J,K	30	250/250	5700	0.13	600
MWSD1608C11N ☐ T	11	G,H,J,K	35	250/250	6000	0.13	600
MWSD1608C12N ☐ T	12	G,H,J,K	35	250/250	6000	0.13	600
MWSD1608C13N ☐ T	13	G,H,J,K	35	250/250	5300	0.13	600
MWSD1608C15N ☐ T	15	G,H,J,K	37	250/250	5700	0.15	550
MWSD1608C16N ☐ T	16	G,H,J,K	37	250/250	4700	0.15	550
MWSD1608C17N ☐ T	17	G,H,J,K	37	250/250	4700	0.15	550
MWSD1608C18N ☐ T	18	G,H,J,K	37	250/250	4550	0.15	550
MWSD1608C20N ☐ T	20	G,H,J,K	37	250/250	4550	0.15	550
MWSD1608C22N ☐ T	22	G,H,J,K	38	250/250	4000	0.19	490
MWSD1608C23N ☐ T	23	G,H,J,K	40	250/250	3800	0.19	490
MWSD1608C24N ☐ T	24	G,H,J,K	40	250/250	3800	0.19	490
MWSD1608C25N ☐ T	25	G,H,J,K	40	250/250	3700	0.19	490
MWSD1608C27N ☐ T	27	G,H,J,K	38	250/250	3700	0.19	490
MWSD1608C30N ☐ T	30	G,H,J,K	38	250/250	3300	0.21	470
MWSD1608C33N ☐ T	33	G,H,J,K	40	250/250	3200	0.21	470
MWSD1608C36N ☐ T	36	G,H,J,K	40	250/250	2900	0.22	460
MWSD1608C39N ☐ T	39	G,H,J,K	40	250/250	2800	0.22	460
MWSD1608C43N ☐ T	43	G,H,J,K	40	250/250	2700	0.27	400
MWSD1608C47N ☐ T	47	G,H,J,K	36	200/200	2600	0.27	400
MWSD1608C51N ☐ T	51	G,H,J,K	35	200/200	2400	0.30	390
MWSD1608C56N ☐ T	56	G,H,J,K	38	200/200	2400	0.35	360
MWSD1608C62N ☐ T	62	G,H,J,K	36	200/200	2300	0.38	350
MWSD1608C68N ☐ T	68	G,H,J,K	36	200/200	2200	0.38	350
MWSD1608C72N ☐ T	72	G,H,J,K	34	150/150	2100	0.43	320
MWSD1608C82N ☐ T	82	G,H,J,K	34	150/150	2000	0.50	300
MWSD1608C90N ☐ T	90	G,H,J,K	34	150/150	1900	0.52	300
MWSD1608C91N ☐ T	91	G,H,J,K	34	150/150	1900	0.52	300
MWSD1608CR10 ☐ T	100	G,H,J,K	31	150/150	1800	0.66	260
MWSD1608CR11 ☐ T	110	G,H,J,K	32	150/150	1700	0.73	250
MWSD1608CR12 ☐ T	120	G,H,J,K	32	150/150	1600	0.75	240
MWSD1608CR13 ☐ T	130	G,H,J,K	32	150/150	1500	0.75	240
MWSD1608CR14 ☐ T	140	G,H,J,K	32	150/150	1400	1.10	200
MWSD1608CR15 ☐ T	150	G,H,J,K	32	150/150	1400	1.12	200
MWSD1608CR16 ☐ T	160	G,H,J,K	32	150/150	1400	1.12	200
MWSD1608CR18 ☐ T	180	G,H,J,K	25	100/100	1300	1.38	180
MWSD1608CR20 ☐ T	200	G,H,J,K	25	100/100	1250	1.90	150
MWSD1608CR21 ☐ T	210	G,H,J,K	25	100/100	1250	1.90	150
MWSD1608CR22 ☐ T	220	G,H,J,K	25	100/100	1200	2.10	140
MWSD1608CR24 ☐ T	240	G,H,J,K	25	100/100	1100	2.75	120
MWSD1608CR25 ☐ T	250	G,H,J,K	25	100/100	1100	2.80	120
MWSD1608CR27 ☐ T	270	G,H,J,K	26	100/100	960	3.00	120
MWSD1608CR30 ☐ T	300	G,H,J,K	26	100/100	900	4.05	110
MWSD1608CR33 ☐ T	330	G,H,J,K	26	100/100	800	4.20	100
MWSD1608CR36 ☐ T	360	G,H,J,K	27	100/100	800	4.30	100
MWSD1608CR39 ☐ T	390	G,H,J,K	27	100/100	800	4.50	100
MWSD1608CR42 ☐ T	420	G,H,J,K	27	100/100	800	5.40	90
MWSD1608CR47 ☐ T	470	G,H,J,K	27	100/100	700	5.70	90
MWSD1608CR56 ☐ T	560	G,H,J,K	27	100/100	650	8.10	70

All information and data presented in this Catalog are for information only. You are requested to approve our product specification before your ordering.

规格特性
Specifications

MWSD1005C-N TYPE

型号 Part Number	电感量 Inductance	公差 Tolerance	品质因子 Min. Quality Factor	测试频率 L/Q Test Freq.	自谐频率 Min. Self-resonant Frequency	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	nH	-	-	MHz	MHz	Ω	mA
符号 Symbol	L	-	Q	Freq.	S.R.F	DCR	Ir
MWSD1005C1N0 ☐ TN01	1.0	B,C,S,J,K	17	250	12700	0.045	1360
MWSD1005C1N2 ☐ TN01	1.2	B,C,S,J,K	10	250	6000	0.140	640
MWSD1005C1N8 ☐ TN01	1.8	J,K	20	250	12000	0.070	1040
MWSD1005C1N9 ☐ TN01	1.9	J,K	20	250	11300	0.070	1040
MWSD1005C2N0 ☐ TN01	2.0	J,K	23	250	11000	0.070	1040
MWSD1005C2N2 ☐ TN01	2.2	J,K	22	250	10800	0.070	960
MWSD1005C2N4 ☐ TN01	2.4	J,K	18	250	6000	0.091	650
MWSD1005C2N7 ☐ TN01	2.7	J,K	24	250	10400	0.120	790
MWSD1005C3N3 ☐ TN01	3.3	J,K	24	250	7000	0.066	840
MWSD1005C3N6 ☐ TN01	3.6	J,K	24	250	6800	0.066	840
MWSD1005C3N9 ☐ TN01	3.9	J,K	24	250	6000	0.066	840
MWSD1005C4N3 ☐ TN01	4.3	J,K	22	250	6000	0.091	700
MWSD1005C4N7 ☐ TN01	4.7	J,K	20	250	4770	0.130	640
MWSD1005C5N1 ☐ TN01	5.1	J,K	23	250	4800	0.083	800
MWSD1005C5N6 ☐ TN01	5.6	G,J	25	250	4800	0.083	760
MWSD1005C6N2 ☐ TN01	6.2	G,J	25	250	4800	0.083	760
MWSD1005C6N8 ☐ TN01	6.8	G,J	24	250	4800	0.083	680
MWSD1005C7N5 ☐ TN01	7.5	G,J	25	250	4800	0.100	680
MWSD1005C8N2 ☐ TN01	8.2	G,J	25	250	4400	0.100	680
MWSD1005C8N7 ☐ TN01	8.7	G,J	25	250	4100	0.200	480
MWSD1005C9N0 ☐ TN01	9.0	G,J	25	250	4160	0.100	680
MWSD1005C10N ☐ TN01	10	G,J	24	250	3900	0.200	480
MWSD1005C11N ☐ TN01	11	G,J	26	250	3680	0.120	640
MWSD1005C12N ☐ TN01	12	G,J	26	250	3600	0.120	640
MWSD1005C13N ☐ TN01	13	G,J	24	250	3450	0.210	440
MWSD1005C15N ☐ TN01	15	G,J	26	250	3280	0.170	560
MWSD1005C16N ☐ TN01	16	G,J	25	250	3100	0.220	560
MWSD1005C18N ☐ TN01	18	G,J	25	250	3100	0.230	420
MWSD1005C20N ☐ TN01	20	G,J	26	250	3000	0.250	420
MWSD1005C22N ☐ TN01	22	G,J	25	250	2800	0.300	400
MWSD1005C23N ☐ TN01	23	G,J	28	250	2720	0.300	400
MWSD1005C24N ☐ TN01	24	G,J	25	250	2700	0.300	400
MWSD1005C27N ☐ TN01	27	J	25	250	2500	0.380	320
MWSD1005C30N ☐ TN01	30	G,J	25	250	2350	0.300	400
MWSD1005C33N ☐ TN01	33	G,J	24	250	2350	0.300	400
MWSD1005C36N ☐ TN01	36	G,J	24	250	2320	0.440	320
MWSD1005C39N ☐ TN01	39	G,J	26	250	2100	0.550	200
MWSD1005C43N ☐ TN01	43	G,J	25	250	2030	0.810	100
MWSD1005C47N ☐ TN01	47	G,J	25	250	2100	0.830	150
MWSD1005C56N ☐ TN01	56	G,J	25	250	1750	0.970	100
MWSD1005C68N ☐ TN01	68	G,J	25	250	2500	1.350	170
MWSD1005C82N ☐ TN01	82	G,J	25	250	1260	1.550	50
MWSD1005CR10 ☐ TN01	100	G,J	24	250	1160	2.000	30

MWSD1608C-N TYPE

型号 Part Number	电感量 Inductance	公差 Tolerance	品质因子 Min. Quality Factor	测试频率 L/Q Test Freq.	自谐频率 Min. Self-resonant Frequency	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	nH	-	-	MHz	MHz	Ω	mA
符号 Symbol	L	-	Q	Freq.	S.R.F	DCR	Ir
MWSD1608C1N2 ☐ TN01	1.2	S	25	250/250	12500	0.020	700
MWSD1608C1N6 ☐ TN01	1.6	S	24	250/250	12500	0.030	700

规格特性
Specifications

MWSD1608C-N TYPE

型号 Part Number	电感量 Inductance	公差 Tolerance	品质因子 Min. Quality Factor	测试频率 L/Q Test Freq.	自谐频率 Min. Self-resonant Frequency	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	nH	-	-	MHz	MHz	Ω	mA
符号 Symbol	L	-	Q	Freq.	S.R.F	DCR	Ir
MWSD1608C1N8 ☐ TN01	1.8	J, K	16	250/250	12500	0.045	700
MWSD1608C2N2 ☐ TN01	2.2	J, K	13	250/250	12500	0.250	100
MWSD1608C2N7 ☐ TN01	2.7	J, K	25	250/250	6000	0.043	1000
MWSD1608C3N3 ☐ TN01	3.3	J, K	35	250/250	5900	0.045	700
MWSD1608C3N6 ☐ TN01	3.6	J, K	22	250/250	5900	0.063	700
MWSD1608C3N9 ☐ TN01	3.9	J, K	22	250/250	6900	0.080	700
MWSD1608C4N3 ☐ TN01	4.3	J, K	22	250/250	5900	0.063	700
MWSD1608C4N7 ☐ TN01	4.7	J, K	20	250/250	5800	0.116	700
MWSD1608C5N1 ☐ TN01	5.1	J, K	20	250/250	5700	0.140	700
MWSD1608C5N6 ☐ TN01	5.6	J, K	26	250/250	4760	0.075	700
MWSD1608C6N2 ☐ TN01	6.2	J, K	25	250/250	5000	0.100	700
MWSD1608C6N8 ☐ TN01	6.8	G ,J	27	250/250	5800	0.110	700
MWSD1608C7N5 ☐ TN01	7.5	G ,J	28	250/250	4800	0.106	700
MWSD1608C8N2 ☐ TN01	8.2	G ,J	30	250/250	4200	0.115	700
MWSD1608C8N7 ☐ TN01	8.7	G ,J	28	250/250	4600	0.109	700
MWSD1608C9N5 ☐ TN01	9.5	G ,J	28	250/250	5400	0.135	700
MWSD1608C10N ☐ TN01	10	G ,J	31	250/250	4800	0.130	700
MWSD1608C11N ☐ TN01	11	G ,J	30	250/250	4000	0.130	700
MWSD1608C12N ☐ TN01	12	G ,J	35	250/250	4000	0.130	700
MWSD1608C15N ☐ TN01	15	G ,J	35	250/250	4000	0.170	700
MWSD1608C16N ☐ TN01	16	G ,J	34	250/250	3300	0.170	700
MWSD1608C18N ☐ TN01	18	G ,J	35	250/250	3100	0.170	700
MWSD1608C22N ☐ TN01	22	G ,J	38	250/250	3000	0.190	700
MWSD1608C23N ☐ TN01	23	G ,J	38	250/250	2850	0.190	700
MWSD1608C24N ☐ TN01	24	G ,J	36	250/250	2650	0.190	700
MWSD1608C27N ☐ TN01	27	G ,J	40	250/250	2800	0.220	600
MWSD1608C30N ☐ TN01	30	G, J	37	250/250	2250	0.220	600
MWSD1608C33N ☐ TN01	33	G ,J	40	250/250	2300	0.220	600
MWSD1608C36N ☐ TN01	36	G ,J	37	250/250	2080	0.250	600
MWSD1608C39N ☐ TN01	39	G ,J	40	250/250	2200	0.250	600
MWSD1608C43N ☐ TN01	43	G ,J	38	250/250	2000	0.280	600
MWSD1608C47N ☐ TN01	47	G ,J	38	200/200	2000	0.280	600
MWSD1608C51N ☐ TN01	51	G ,J	35	200/200	1900	0.250	600
MWSD1608C56N ☐ TN01	56	G ,J	38	200/200	1900	0.310	600
MWSD1608C68N ☐ TN01	68	G ,J	37	200/200	1700	0.340	600
MWSD1608C72N ☐ TN01	72	G ,J	34	150/150	1700	0.490	400
MWSD1608C75N ☐ TN01	75	G ,J	35	150/150	1700	0.630	400
MWSD1608C82N ☐ TN01	82	G ,J	34	150/150	1700	0.540	400
MWSD1608CR10 ☐ TN01	100	G ,J	34	150/150	1400	0.580	400
MWSD1608CR11 ☐ TN01	110	G ,J,	32	150/150	1350	0.610	300
MWSD1608CR12 ☐ TN01	120	G ,J	32	150/150	1300	0.650	300
MWSD1608CR15 ☐ TN01	150	G ,J	28	150/150	990	0.920	280
MWSD1608CR18 ☐ TN01	180	G ,J	25	100/100	990	1.250	240
MWSD1608CR20 ☐ TN01	200	G ,J	25	100/100	900	1.980	200
MWSD1608CR21 ☐ TN01	210	G ,J	27	100/100	895	2.060	200
MWSD1608CR22 ☐ TN01	220	G ,J	25	100/100	900	2.100	200
MWSD1608CR25 ☐ TN01	250	G ,J	25	100/100	822	3.550	120
MWSD1608CR27 ☐ TN01	270	G ,J	26	100/100	830	2.160	170
MWSD1608CR33 ☐ TN01	330	G ,J	25	100/100	900	3.890	100
MWSD1608CR39 ☐ TN01	390	G ,J	25	100/100	780	4.350	100

All information and data presented in this Catalog are for information only. You are requested to approve our product specification before your ordering.

规格特性
Specifications

MWSD1608C-S TYPE

型号 Part Number	电感量 Inductance	公差 Tolerance	品质因子 Min. Quality Factor	测试频率 L/Q Test Freq.	自谐频率 Min. Self-resonant Frequency	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	nH	-	-	MHz	MHz	Ω	mA
符号 Symbol	L	-	Q	Freq.	S.R.F	DCR	Ir
MWSD1608C3N3 ☐ TS01	3.3	C,D	35	250/250	5900	0.045	700
MWSD1608C3N6 ☐ TS01	3.6	C,D	22	250/250	5900	0.063	700
MWSD1608C3N9 ☐ TS01	3.9	C,D	22	250/250	6900	0.080	700
MWSD1608C4N7 ☐ TS01	4.7	C,D	20	250/250	5800	0.116	700
MWSD1608C5N1 ☐ TS01	5.1	C,D	20	250/250	5700	0.140	700
MWSD1608C5N6 ☐ TS01	5.6	C,D	26	250/250	4760	0.075	700
MWSD1608C6N8 ☐ TS01	6.8	C,D	27	250/250	5800	0.110	700
MWSD1608C7N5 ☐ TS01	7.5	C,D	28	250/250	4800	0.106	700
MWSD1608C8N2 ☐ TS01	8.2	C,D	30	250/250	4200	0.115	700
MWSD1608C8N7 ☐ TS01	8.7	C,D	28	250/250	4600	0.109	700
MWSD1608C9N5 ☐ TS01	9.5	G,J	28	250/250	5400	0.135	700
MWSD1608C10N ☐ TS01	10	G,J	31	250/250	4800	0.130	700
MWSD1608C11N ☐ TS01	11	G,J	30	250/250	4000	0.086	700
MWSD1608C12N ☐ TS01	12	G,J	35	250/250	4000	0.130	700
MWSD1608C15N ☐ TS01	15	G,J	35	250/250	4000	0.170	700
MWSD1608C16N ☐ TS01	16	G,J	34	250/250	3300	0.104	700
MWSD1608C18N ☐ TS01	18	G,J	35	250/250	3100	0.170	700
MWSD1608C22N ☐ TS01	22	G,J	38	250/250	3000	0.190	700
MWSD1608C23N ☐ TS01	23	G,J	38	250/250	2850	0.190	700
MWSD1608C24N ☐ TS01	24	G,J	36	250/250	2650	0.135	700
MWSD1608C27N ☐ TS01	27	G,J	40	250/250	2800	0.220	600
MWSD1608C30N ☐ TS01	30	G,J	37	250/250	2250	0.144	600
MWSD1608C33N ☐ TS01	33	G,J	40	250/250	2300	0.220	600
MWSD1608C36N ☐ TS01	36	G,J	37	250/250	2080	0.250	600
MWSD1608C39N ☐ TS01	39	G,J	40	250/250	2200	0.250	600
MWSD1608C43N ☐ TS01	43	G,J	38	250/250	2000	0.280	600
MWSD1608C47N ☐ TS01	47	G,J	38	200/200	2000	0.280	600
MWSD1608C51N ☐ TS01	51	G,J	35	200/200	1900	0.270	600
MWSD1608C56N ☐ TS01	56	G,J	38	200/200	1900	0.310	600
MWSD1608C68N ☐ TS01	68	G,J	37	200/200	1700	0.340	600
MWSD1608C72N ☐ TS01	72	G,J	34	150/150	1700	0.490	400
MWSD1608C82N ☐ TS01	82	G,J	34	150/150	1700	0.540	400
MWSD1608CR10 ☐ TS01	100	G,J	34	150/150	1400	0.580	400
MWSD1608CR11 ☐ TS01	110	G,J	32	150/150	1350	0.610	300
MWSD1608CR12 ☐ TS01	120	G,J	32	150/150	1300	0.650	300
MWSD1608CR15 ☐ TS01	150	G,J	28	150/150	990	0.920	280
MWSD1608CR18 ☐ TS01	180	G,J	25	100/100	990	1.250	240
MWSD1608CR20 ☐ TS01	200	G,J	25	100/100	900	1.980	200
MWSD1608CR21 ☐ TS01	210	G,J	27	100/100	895	2.060	200
MWSD1608CR22 ☐ TS01	220	G,J	25	100/100	900	2.100	200
MWSD1608CR25 ☐ TS01	250	G,J	25	100/100	822	3.550	120
MWSD1608CR27 ☐ TS01	270	G,J	24	100/100	900	2.300	170
MWSD1608CR33 ☐ TS01	330	G,J	25	100/100	900	3.890	100
MWSD1608CR39 ☐ TS01	390	G,J	25	100/100	900	4.350	100

MWSD1608C-B TYPE

型号 Part Number	电感量 Inductance	公差 Tolerance	品质因子 Min. Quality Factor	测试频率 L/Q Test Freq.	自谐频率 Min. Self-resonant Frequency	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	nH	-	-	MHz	MHz	Ω	mA
符号 Symbol	L	-	Q	Freq.	S.R.F	DCR	Ir
MWSD1608C5N6 ☐ TB01	5.6	C,D	38	250/250	6000	0.045	1250
MWSD1608C5N6 ☐ TB02	5.6	C,D,	20	250/250	5800	0.170	700
MWSD1608C6N8 ☐ TB01	6.8	C,D,J	29	250/250	5800	0.116	700

规格特性
Specifications

MWSD1608C-B TYPE

型号 Part Number	电感量 Inductance	公差 Tolerance	品质因子 Min. Quality Factor	测试频率 L/Q Test Freq.	自谐频率 Min. Self-resonant Frequency	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	nH	-	-	MHz	MHz	Ω	mA
符号 Symbol	L	-	Q	Freq.	S.R.F	DCR	Ir
MWSD1608C8N2 ☐ TB01	8.2	C,D,J,K	30	250/250	4600	0.12	700
MWSD1608C10N ☐ TB01	10	G,H,J,K	30	250/250	4800	0.13	700
MWSD1608C10N ☐ TB02	10	G,H,J,K	31	250/250	4800	0.13	700
MWSD1608C10N ☐ TB03	10	G,H,J,K	30	250/250	6000	0.13	600
MWSD1608C12N ☐ TB01	12	G,H,J,K	35	250/250	6000	0.17	700
MWSD1608C12N ☐ TB02	12	G,H,J,K	35	250/250	6000	0.13	600
MWSD1608C15N ☐ TB01	15	G,H,J,K	30	250/250	4000	0.17	700
MWSD1608C15N ☐ TB03	15	G,H,J,K	30	250/250	4000	0.19	700
MWSD1608C15N ☐ TB04	15	G,H,J,K	37	250/250	6000	0.15	550
MWSD1608C18N ☐ TB01	18	J,K	37	250/250	4550	0.17	700
MWSD1608C18N ☐ TB02	18	J,K	30	250/250	3100	0.20	700
MWSD1608C18N ☐ TB03	18	J,K	37	250/250	4550	0.15	700
MWSD1608C22N ☐ TB01	22	J,K	38	250/250	3000	0.19	700
MWSD1608C22N ☐ TB02	22	J,K	35	250/250	3000	0.23	700
MWSD1608C23N ☐ TB02	23	G,H,J,K	40	250/250	1800	0.20	600
MWSD1608C24N ☐ TB01	24	G,H,J,K	37	250/250	2650	0.20	700
MWSD1608C27N ☐ TB01	27	G,H,J,K	40	250/250	2800	0.22	600
MWSD1608C27N ☐ TB03	27	G,H,J,K	35	250/250	2800	0.20	600
MWSD1608C27N ☐ TB04	27	G,H,J,K	38	250/250	3700	0.19	600
MWSD1608C30N ☐ TB01	30	G,H,J,K	38	250/250	3300	0.22	600
MWSD1608C33N ☐ TB02	33	G,H,J,K	40	250/250	3200	0.21	600
MWSD1608C33N ☐ TB03	33	G,H,J,K	40	250/250	3200	0.21	470
MWSD1608C36N ☐ TB02	36	J,K	40	250/250	2900	0.22	600
MWSD1608C39N ☐ TB01	39	J,K	40	250/250	2200	0.25	600
MWSD1608C39N ☐ TB02	39	J,K	40	250/250	2800	0.22	460
MWSD1608C47N ☐ TB01	47	G,H,J,K	38	200/200	2600	0.27	600
MWSD1608C47N ☐ TB02	47	G,H,J,K	35	200/200	2000	0.35	600
MWSD1608C47N ☐ TB04	47	G,H,J,K	36	200/200	2600	0.27	600
MWSD1608C56N ☐ TB01	56	G,H,J,K	38	200/200	1900	0.31	600
MWSD1608C56N ☐ TB02	56	G,H,J,K	35	200/200	1900	0.38	600
MWSD1608C56N ☐ TB03	56	G,H,J,K	38	200/200	2400	0.35	600
MWSD1608C68N ☐ TB01	68	G,H,J,K	37	200/200	1700	0.34	600
MWSD1608C68N ☐ TB02	68	G,H,J,K	36	200/200	2200	0.38	350
MWSD1608C68N ☐ TB03	68	G,H,J,K	40	200/200	2200	0.34	600
MWSD1608C72N ☐ TB01	72	G,H,J,K	34	150/150	1700	0.49	400
MWSD1608C72N ☐ TB02	72	G,H,J,K	35	150/250	1700	0.63	400
MWSD1608C82N ☐ TB01	82	G,H,J,K	34	150/150	1700	0.54	400
MWSD1608C82N ☐ TB02	82	G,H,J,K	34	150/150	2000	0.50	300
MWSD1608C82N ☐ TB03	82	G,H,J,K	34	150/150	1700	0.46	400
MWSD1608C82N ☐ TB04	82	G,H,J,K	34	150/150	2000	0.50	400
MWSD1608C82N ☐ TB05	82	G,H,J,K	35	150/250	1680	0.67	400
MWSD1608CR10 ☐ TB01	100	G,H,J,K	34	150/150	1800	0.54	400
MWSD1608CR10 ☐ TB02	100	G,H,J,K	34	150/150	1400	0.58	400
MWSD1608CR10 ☐ TB04	100	G,H,J,K	35	150/250	1500	0.71	400
MWSD1608CR11 ☐ TB01	110	J,K	33	150/150	1350	0.61	300
MWSD1608CR12 ☐ TB01	120	G,H,J,K	32	150/150	1300	0.65	300
MWSD1608CR12 ☐ TB02	120	G,H,J,K	32	150/150	1300	0.82	300
MWSD1608CR12 ☐ TB03	120	G,H,J,K	33	150/150	1300	0.65	300
MWSD1608CR15 ☐ TB01	150	G,H,J,K	28	150/150	990	1.00	280
MWSD1608CR22 ☐ TB01	220	G,H,J,K	25	100/100	990	2.00	200
MWSD1608CR22 ☐ TB02	220	G,H,J,K	25	100/100	1200	2.10	200

All information and data presented in this Catalog are for information only. You are requested to approve our product specification before your ordering.

规格特性
Specifications

MWSD1608C-B TYPE

型号 Part Number	电感量 Inductance	公差 Tolerance	品质因子 Min. Quality Factor	测试频率 L/Q Test Freq.	自谐频率 Min. Self-resonant Frequency	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	nH	-	-	MHz	MHz	Ω	mA
符号 Symbol	L	-	Q	Freq.	S.R.F	DCR	Ir
MWSD1608CR27 ☐ TB01	270	J,K	26	100/100	1000	3.00	120
MWSD1608CR33 ☐ TB01	330	J,K	26	100/100	800	4.20	100
MWSD1608CR33 ☐ TB02	330	J,K	26	100/100	900	3.89	100
MWSD1608CR33 ☐ TB04	334	J,K	22	100/100	560	3.89	150
MWSD1608CR47 ☐ TB01	470	G,H,J,K	30	100/100	700	5.70	90

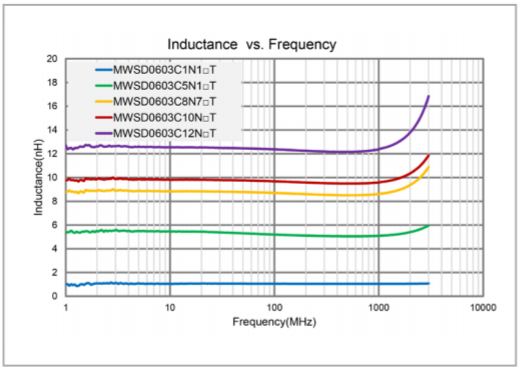
MWSD1608C-Y TYPE

型号 Part Number	电感量 Inductance	公差 Tolerance	品质因子 Min. Quality Factor	测试频率 L/Q Test Freq.	自谐频率 Min. Self-resonant Frequency	直流电阻 Max. DC Resistance	额定电流 Max. Rated Current
单位 Units	nH	-	-	MHz	MHz	Ω	mA
符号 Symbol	L	-	Q	Freq.	S.R.F	DCR	Ir
MWSD1608C5N6 ☐ TY01	5.6	C,D	25	250/250	5500	0.108	700
MWSD1608C10N ☐ TY01	10.1	G,H,J,K	31	250/250	4800	0.13	700
MWSD1608C10N ☐ TY02	10	G,H,J,K	10	100/100	6000	0.13	600
MWSD1608C12N ☐ TY01	12	G,H,J,K	30	250/250	4000	0.13	700
MWSD1608C15N ☐ TY02	15	G,H,J,K	10	100/100	6000	0.15	550
MWSD1608C18N ☐ TY01	18.4	G,H,J,K	35	250/250	3100	0.17	700
MWSD1608C22N ☐ TY01	22.2	G,H,J,K	38	250/250	3000	0.19	700
MWSD1608C22N ☐ TY02	22	G,H,J,K	10	100/100	4000	0.19	490
MWSD1608C39N ☐ TY01	39	G,H,J,K	11	100/100	2800	0.22	460
MWSD1608C47N ☐ TY01	47.9	G,H,J,K	38	200/200	2000	0.28	600
MWSD1608C56N ☐ TY03	56	G,H,J,K	12	100/100	2400	0.35	360
MWSD1608C68N ☐ TY01	69.8	G,H,J,K	35	200/200	1700	0.34	600
MWSD1608C68N ☐ TY02	68	G,H,J,K	35	200/250	1700	0.34	600
MWSD1608C82N ☐ TY02	82	G,H,J,K	12	100/100	2000	0.50	300
MWSD1608CR10 ☐ TY01	102.2	G,H,J,K	35	150/150	1500	0.71	400
MWSD1608CR11 ☐ TY01	111.1	G,H,J,K	32	150/150	1350	0.63	300
MWSD1608CR12 ☐ TY01	123	J,K	32	150/150	1300	0.65	300
MWSD1608CR18 ☐ TY01	180	G,H,J,K	25	100/100	1300	1.25	240
MWSD1608CR18 ☐ TY02	180	G,H,J,K	25	100/100	1300	2.2	140
MWSD1608CR18 ☐ TY03	180	G,H,J,K	25	100/100	1300	1.38	180
MWSD1608CR18 ☐ TY04	180	G,H,J,K	25	100/100	990	1.25	240
MWSD1608CR22 ☐ TY01	223.8	G,H,J,K	25	100/100	900	2.10	200
MWSD1608CR22 ☐ TY02	220	G,H,J,K	25	100/100	1200	2.10	140
MWSD1608CR27 ☐ TY02	270	G,H,J,K	24	100/100	860	2.30	170
MWSD1608CR33 ☐ TY02	330	G,H,J,K	26	100/100	960	4.80	90
MWSD1608CR33 ☐ TY05	334	G,H,J,K	22	100/100	560	3.89	150
MWSD1608CR39 ☐ TY01	390	G,H,J,K	27	100/100	960	5.20	90
MWSD1608CR39 ☐ TY02	390	G,H,J,K	22	100/100	400	3.70	130

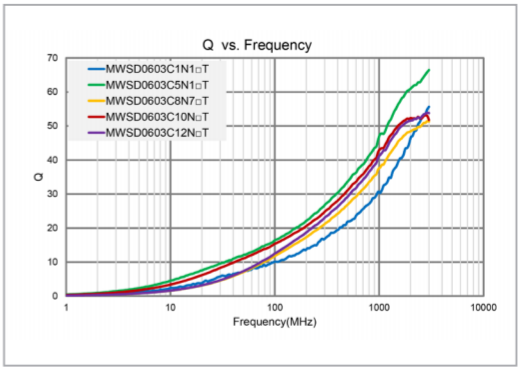
※ ☐ : 请确认电感量精度代码 (B=±0.1nH, C=±0.2nH, S=±0.3nH, D=±0.5nH, G=±2%, H=±3%, J=±5%, K=±10%).
※ ☐ : Please specify the inductance tolerance code (B=±0.1nH, C=±0.2nH, S=±0.3nH, D=±0.5nH, G=±2%, H=±3%, J=±5%, K=±10%).
※: 请参阅"射频电感器的测量注意事项"。
※: Please refer to "Measurement Notice For RF Inductors".

电气特性
Typical Electrical Characteristics

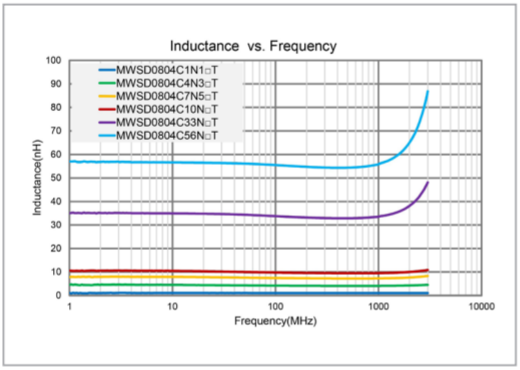
MWSD0603C TYPE
Inductance vs. Frequency Characteristics



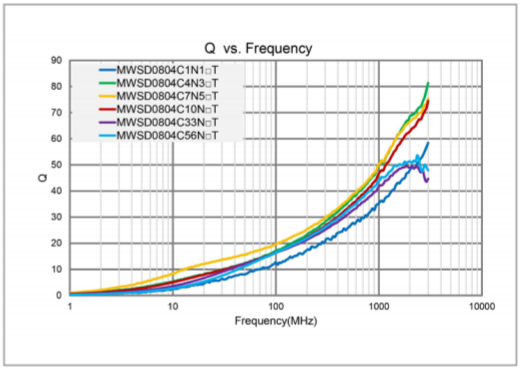
Q vs. Frequency Characteristics



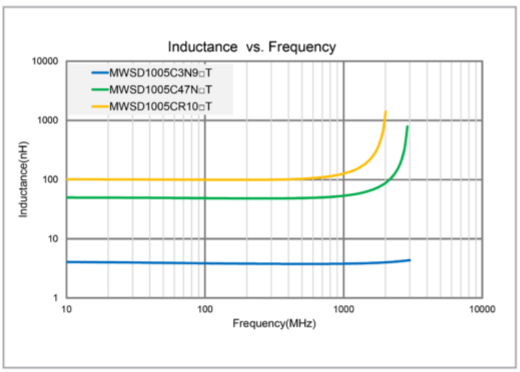
MWSD0804C TYPE
Inductance vs. Frequency Characteristics



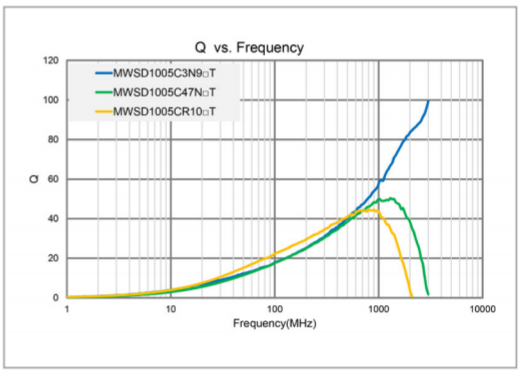
Q vs. Frequency Characteristics



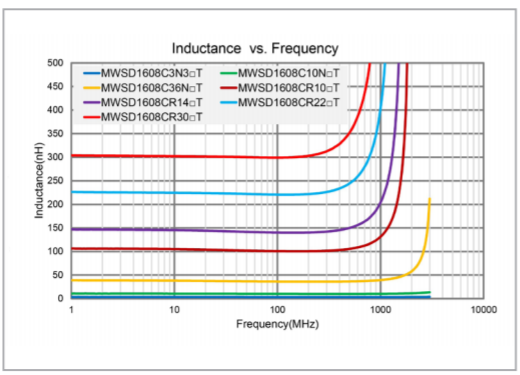
MWSD1005C TYPE
Inductance vs. Frequency Characteristics



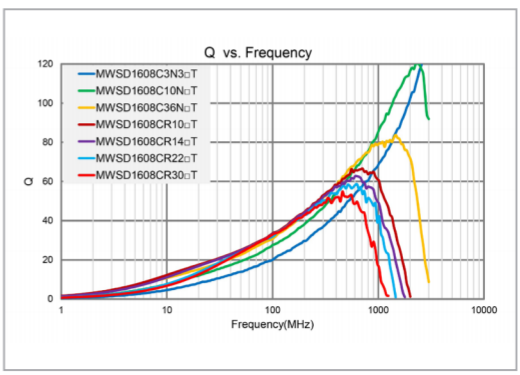
Q vs. Frequency Characteristics



MWSD1608C TYPE
Inductance vs. Frequency Characteristics



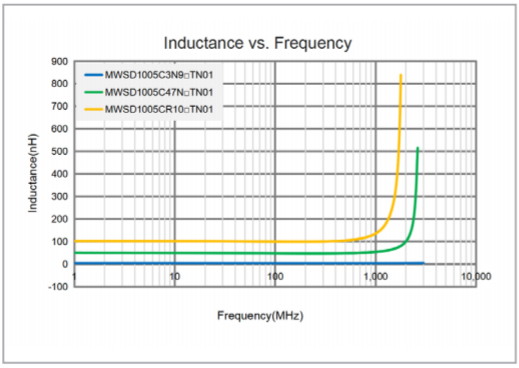
Q vs. Frequency Characteristics



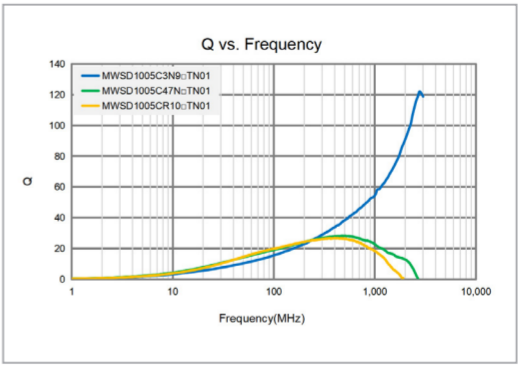
All information and data presented in this Catalog are for information only. You are requested to approve our product specification before your ordering.

电气特性
Typical Electrical Characteristics

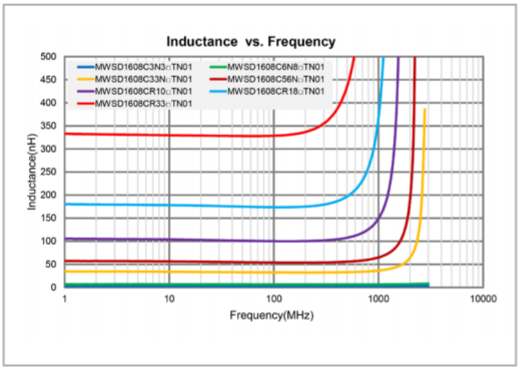
MWSD1005C-N TYPE
Inductance vs. Frequency Characteristics



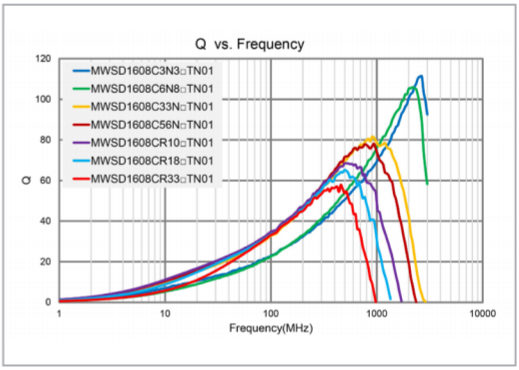
Q vs. Frequency Characteristics



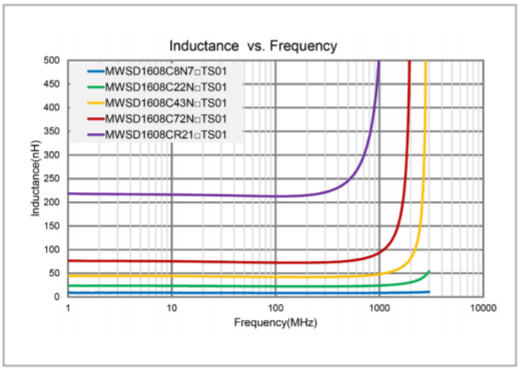
MWSD1608C-N TYPE
Inductance vs. Frequency Characteristics



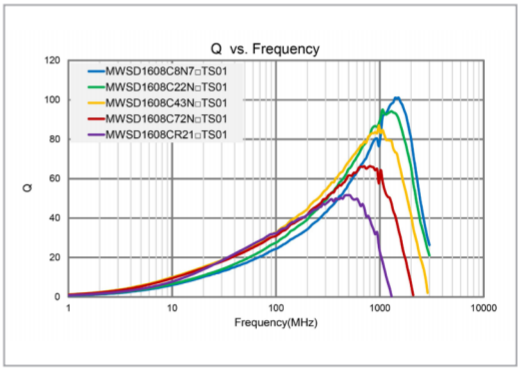
Q vs. Frequency Characteristics



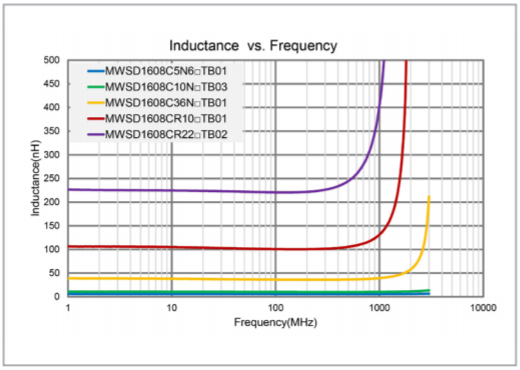
MWSD1608C-S TYPE
Inductance vs. Frequency Characteristics



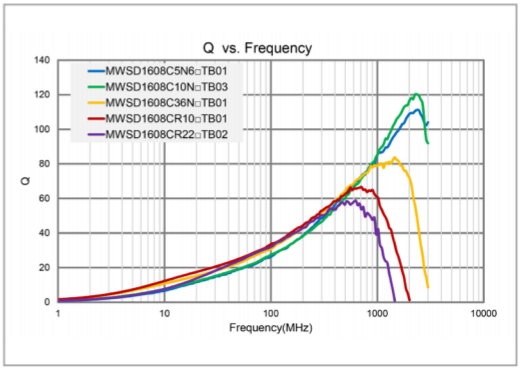
Q vs. Frequency Characteristics



MWSD1608C-B TYPE
Inductance vs. Frequency Characteristics



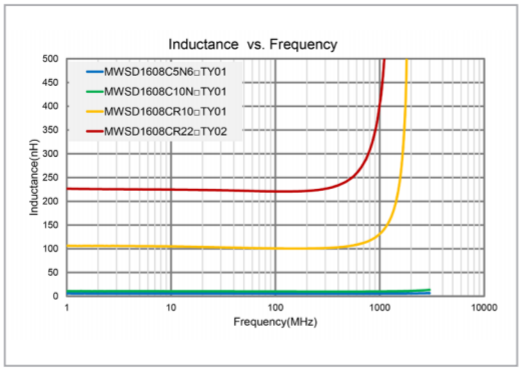
Q vs. Frequency Characteristics



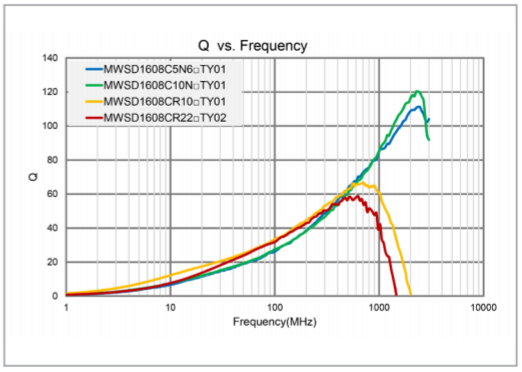
电气特性
Typical Electrical Characteristics

MWSD1608C-Y TYPE

Inductance vs. Frequency Characteristics



Q vs. Frequency Characteristics



All information and data presented in this Catalog are for information only. You are requested to approve our product specification before your ordering.