

WIF SERIES

Features



Very strong solderability by flow soldering, soldering iron or wave soldering.

Highly accurate dimensions; can be mounted automatically.

Terminals are highly resistant to pull forces.

Highly resistant to mechanical shocks and pressure.

Highly reliable in environments of sudden temperature change and humidity. Super Q characteristics.

Product Identification

Introduction

WIF □□□□□□ - □□□□ □

A B C D

A.Product Symbol

B.Dimensions

C.Inductance

D.Tolerance (J , K , M)

J : ±5%

K : ±10%

M : ±20%

These revolutionary, highly reliable wound chip inductors for automatic mounting have been developed in response to the trend toward high density in electronic equipment.

With metal terminals and a body of heat resistant resin, these inductors offer many superior features.

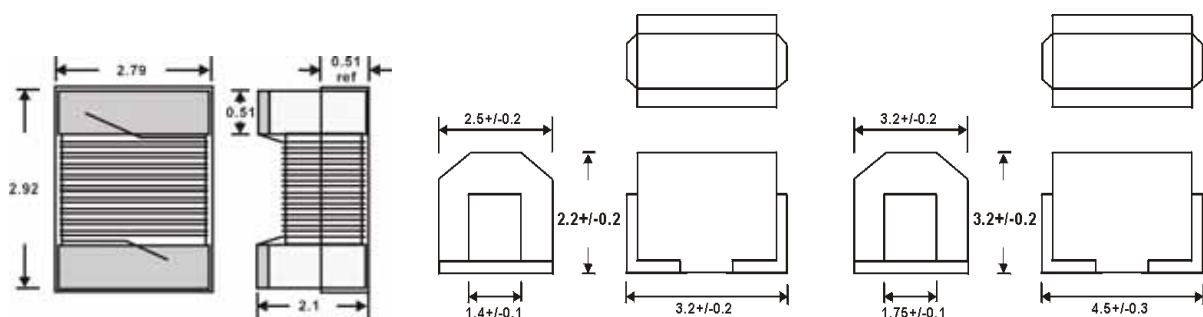
Packaging Quantity

Application

TYPE	BULK	CHIP/REEL
WIF252018	√	2000
WIF322522	√	2000
WIF453232	√	500

Microtelevisions, liquid crystal televisions, video cameras, portable VCRs, car radios, car stereos, thin tape radios, television tuners, mobile telephones, radio and other electronic devices.

Shapes and Dimensions



WIF 252018 SERIES

Part Number	Inductance (uH)	Test Freq. (MHz)	Q (min)	Self-resonant (MHz)Min	DCR(Ω) (Max)	IDC (mA)Max
WIF252018-5N0	0.005	100	10	3000	0.25	2000
WIF252018-10N	0.010	100	10	2500	0.25	1800
WIF252018-12N	0.012	100	15	2400	0.26	1700
WIF252018-15N	0.015	100	15	2300	0.28	1600
WIF252018-18N	0.018	100	15	2200	0.30	1550
WIF252018-22N	0.022	100	20	2100	0.35	1500
WIF252018-27N	0.027	100	20	2000	0.40	1450
WIF252018-33N	0.033	100	30	1600	0.42	1400
WIF252018-39N	0.039	100	35	1500	0.45	1350
WIF252018-47N	0.047	100	35	1400	0.50	1300
WIF252018-56N	0.056	100	35	1300	0.60	1250
WIF252018-68N	0.068	100	35	1200	0.65	1240
WIF252018-82N	0.082	100	35	1100	0.75	1230
WIF252018-R10	0.10	100	35	800	0.80	1220
WIF252018-R12	0.12	25.2	30	700	0.30	900
WIF252018-R15	0.15	25.2	30	550	0.35	900
WIF252018-R18	0.18	25.2	30	500	0.40	850
WIF252018-R22	0.22	25.2	30	450	0.50	840
WIF252018-R27	0.27	25.2	30	425	0.55	830
WIF252018-R33	0.33	25.2	30	400	0.60	820
WIF252018-R39	0.39	25.2	30	375	0.65	810
WIF252018-R47	0.47	25.2	30	350	0.68	800
WIF252018-R56	0.56	25.2	30	325	0.75	800
WIF252018-R68	0.68	25.2	30	300	0.85	800
WIF252018-R82	0.82	25.2	30	260	1.0	800
WIF252018-1R0	1.0	7.96	25	245	1.1	800
WIF252018-1R2	1.2	7.96	25	230	1.2	790
WIF252018-1R5	1.5	7.96	25	182	1.3	750
WIF252018-1R8	1.8	7.96	25	135	1.45	750
WIF252018-2R2	2.2	7.96	25	105	1.55	750
WIF252018-2R7	2.7	7.96	25	70	1.7	740
WIF252018-3R3	3.3	7.96	25	55	1.9	730
WIF252018-3R9	3.9	7.96	25	48	2.1	700
WIF252018-4R7	4.7	7.96	25	43	2.3	650
WIF252018-5R6	5.6	7.96	20	42	2.5	640
WIF252018-6R8	6.8	7.96	20	39	2.7	630
WIF252018-8R2	8.2	7.96	20	36	3.05	600
WIF252018-100	10	2.52	15	33	3.5	680
WIF252018-120	12	2.52	15	30	3.8	650
WIF252018-150	15	2.52	15	26	4.4	500
WIF252018-180	18	2.52	15	24	4.8	450
WIF252018-220	22	2.52	15	22	5.5	450
WIF252018-270	27	2.52	15	21	6.3	430
WIF252018-330	33	2.52	15	20	7.1	380
WIF252018-390	39	2.52	10	18	9.5	330
WIF252018-470	47	2.52	10	17	11.1	300
WIF252018-560	56	2.52	10	16	12.1	270
WIF252018-680	68	2.52	10	15	16.6	250
WIF252018-820	82	2.52	10	13	19	200
WIF252018-101	100	0.796	8	12	21	120

WIF 322522 SERIES

Part Number	Inductance (uH)	Test Freq. (MHz)	Q (min)	Self-resonant (MHz)Min	DCR(Ω) (Max)	IDC (mA)Max
WIF322522-R10	0.1	100	28	700	0.44	450
WIF322522-R12	0.12	25.2	30	500	0.22	450
WIF322522-R15	0.15	25.2	30	450	0.25	450
WIF322522-R18	0.18	25.2	30	400	0.28	450
WIF322522-R22	0.22	25.2	30	350	0.32	450
WIF322522-R27	0.27	25.2	30	320	0.36	450
WIF322522-R33	0.33	25.2	30	300	0.40	450
WIF322522-R39	0.39	25.2	30	250	0.45	450
WIF322522-R47	0.47	25.2	30	220	0.50	450
WIF322522-R56	0.56	25.2	30	180	0.55	450
WIF322522-R68	0.68	25.2	30	160	0.60	450
WIF322522-R82	0.82	25.2	30	140	0.65	450
WIF322522-1R0	1.0	7.96	30	120	0.70	400
WIF322522-1R2	1.2	7.96	30	100	0.75	390
WIF322522-1R5	1.5	7.96	30	85	0.85	370
WIF322522-1R8	1.8	7.96	30	80	0.90	350
WIF322522-2R2	2.2	7.96	30	75	1.00	320
WIF322522-2R7	2.7	7.96	30	70	1.10	290
WIF322522-3R3	3.3	7.96	30	60	1.20	260
WIF322522-3R9	3.9	7.96	30	55	1.30	250
WIF322522-4R7	4.7	7.96	30	50	1.50	220
WIF322522-5R6	5.6	7.96	30	47	1.60	200
WIF322522-6R8	6.8	7.96	30	43	1.80	180
WIF322522-8R2	8.2	7.96	30	40	2.00	170
WIF322522-100	10	2.52	30	36	2.10	150
WIF322522-120	12	2.52	30	33	2.50	140
WIF322522-150	15	2.52	30	28	2.80	130
WIF322522-180	18	2.52	30	25	3.30	120
WIF322522-220	22	2.52	30	23	3.70	110
WIF322522-270	27	2.52	30	18	5.00	80
WIF322522-330	33	2.52	30	17	5.60	70
WIF322522-390	39	2.52	30	16	6.40	65
WIF322522-470	47	2.52	30	15	7.00	60
WIF322522-560	56	2.52	30	13	8.00	55
WIF322522-680	68	2.52	30	12	9.00	50
WIF322522-820	82	2.52	30	11	10.00	45

WIF 453232 SERIES

Part Number	Inductance (uH)	Test Freq. (MHz)	Q (min)	Self-resonant (MHz)Min	DCR(Ω) (Max)	IDC (mA)Max
WIF453232-R10	0.10	25.2	23	700	0.44	450
WIF453232-R12	0.12	25.2	30	500	0.22	450
WIF453232-R15	0.15	25.2	30	450	0.25	450
WIF453232-R18	0.18	25.2	30	400	0.28	450
WIF453232-R22	0.22	25.2	30	350	0.32	450
WIF453232-R27	0.27	25.2	30	320	0.36	450
WIF453232-R33	0.33	25.2	30	300	0.40	450
WIF453232-R39	0.39	25.2	30	350	0.45	450
WIF453232-R47	0.47	25.2	30	220	0.50	450
WIF453232-R56	0.56	25.2	30	180	0.55	450
WIF453232-R68	0.68	25.2	30	160	0.60	450
WIF453232-R82	0.82	25.2	30	140	0.67	450
WIF453232-1R0	1.0	7.96	50	100	0.50	450
WIF453232-1R2	1.2	7.96	50	80	0.55	430
WIF453232-1R5	1.5	7.96	50	70	0.60	410
WIF453232-1R8	1.8	7.96	50	60	0.65	390
WIF453232-2R2	2.2	7.96	50	55	0.70	380
WIF453232-2R7	2.7	7.96	50	50	0.75	370
WIF453232-3R3	3.3	7.96	50	45	0.80	355
WIF453232-3R9	3.9	7.96	50	40	0.90	330
WIF453232-4R7	4.7	7.96	50	35	1.00	315
WIF453232-5R6	5.6	7.96	50	33	1.10	300
WIF453232-6R8	6.8	7.96	50	27	1.20	285
WIF453232-8R2	8.2	7.96	50	25	1.40	270
WIF453232-100	10	2.52	50	20	1.60	250
WIF453232-120	12	2.52	50	18	2.00	225
WIF453232-150	15	2.52	50	17	2.50	200
WIF453232-180	18	2.52	50	15	2.80	190
WIF453232-220	22	2.52	50	13	3.20	180
WIF453232-270	27	2.52	50	12	3.60	170
WIF453232-330	33	2.52	50	11	4.00	160
WIF453232-390	39	2.52	50	10	4.50	150
WIF453232-470	47	2.52	50	10	5.00	140
WIF453232-560	56	2.52	50	9	5.50	135
WIF453232-680	68	2.52	50	9	6.00	130
WIF453232-820	82	2.52	50	8	7.00	120
WIF453232-101	100	0.796	40	7	8.00	110
WIF453232-121	120	0.796	40	6	8.00	110
WIF453232-151	150	0.796	40	5	9.00	105
WIF453232-181	180	0.796	40	5	9.50	102
WIF453232-221	220	0.796	40	4	12.00	100
WIF453232-271	270	0.796	30	3	18.00	92
WIF453232-331	330	0.796	30	3	20.00	85
WIF453232-391	390	0.796	30	3	23.00	80
WIF453232-471	470	0.796	30	3	26.00	62
WIF453232-561	560	0.796	30	2	30.00	50
WIF453232-681	680	0.796	30	2	40.00	50
WIF453232-821	820	0.796	30	2	45.00	30
WIF453232-102	1000	0.796	30	2	50.00	30