

Inductors

Epoxy Conformal Coated
Uniform Roll Coated



ELECTRICAL SPECIFICATIONS

Inductance Tolerance: ± 5 %, ± 10 %, ± 20 %.

Other tolerances available on request

Insulation Resistance: 1000 Megohm minimum per MIL-STD-202, Method 302, Test Condition B

Operating Temperature Range: - 55 °C to + 105 °C

MATERIAL SPECIFICATIONS

Coating: Epoxy-uniform roll coated

Lead: Tinned copper

Core: Ferrite

MECHANICAL SPECIFICATIONS

Terminal Strength: 5 pounds pull per MIL-STD-202, Method 211, Test Condition A

Weight: IRF-1 = 0.3 gram maximum

IRF-3 = 0.6 gram maximum

TEST EQUIPMENT*

- H/P 4342A Q-Meter
- Measurements Corporation Megacycle Meter, Model 59
- Wheatstone bridge

*Test procedures per MIL-PRF-15305

FEATURES

- Flame-retardant coating and color band identification
- Uniform coating is excellent for automatic insertion
- Available in bulk, ammo and reel pack per EIA RS-296
- Superior electrical specifications high Q and self resonant frequency, low DC resistance, high rated DC current



RoHS
COMPLIANT

DIMENSIONS in inches [millimeters]

MODEL	A (Max.)	B (Max.)	C (Max.)	D
IRF-1	0.260 [6.60]	0.120 [3.05]	0.330 [8.38]	0.0200 ± 0.0015 [0.508 ± 0.038]
IRF-3	0.385 [9.78]	0.165 [4.19]	0.410 [10.41]	0.025 ± 0.002 [0.635 ± 0.051]

ENVIRONMENTAL PERFORMANCE

TEST	CONDITIONS	SPECIFICATIONS
Flammability	—	MIL-STD-202, Method 111
Overload	—	MIL-PRF-15305
Resistance to Soldering Heat	Test Condition A	MIL-STD-202, Method 210
Resistance to Solvents	—	MIL-STD-202, Method 215

STANDARD ELECTRICAL SPECIFICATIONS

MODEL	INDUCTANCE (µH)	TOLERANCE	Q MINIMUM	TEST FREQUENCY L & Q (MHz)	SELF-RESONANT* FREQ. MIN. (MHz)	DCR MAXIMUM (Ohms)	RATED DC** CURRENT (mA)
IRF-1	0.10	± 20 %	40	25.0	400.0	0.06	1350
IRF-1	0.12	± 20 %	40	25.0	400.0	0.06	1270
IRF-1	0.15	± 20 %	40	25.0	400.0	0.07	1200
IRF-1	0.18	± 20 %	40	25.0	400.0	0.075	1155
IRF-1	0.22	± 20 %	40	25.0	380.0	0.075	1150
IRF-1	0.27	± 20 %	40	25.0	360.0	0.08	1110
IRF-1	0.33	± 20 %	40	25.0	350.0	0.08	1110
IRF-1	0.39	± 20 %	40	25.0	320.0	0.09	1000
IRF-1	0.47	± 20 %	40	25.0	300.0	0.10	1000
IRF-1	0.56	± 20 %	40	25.0	280.0	0.11	950
IRF-1	0.68	± 20 %	40	25.0	250.0	0.12	900
IRF-1	0.82	± 20 %	40	25.0	200.0	0.12	900
IRF-1	1.0	± 10 %	50	25.0	180.0	0.15	815
IRF-1	1.2	± 10 %	50	7.9	165.0	0.18	740
IRF-1	1.5	± 10 %	50	7.9	150.0	0.20	700
IRF-1	1.8	± 10 %	50	7.9	125.0	0.23	655
IRF-1	2.2	± 10 %	50	7.9	115.0	0.25	630
IRF-1	2.7	± 10 %	50	7.9	100.0	0.28	595
IRF-1	3.3	± 10 %	50	7.9	90.0	0.30	575
IRF-1	3.9	± 10 %	50	7.9	80.0	0.32	555
IRF-1	4.7	± 10 %	50	7.9	75.0	0.35	530
IRF-1	5.6	± 10 %	50	7.9	65.0	0.40	500
IRF-1	6.8	± 10 %	50	7.9	60.0	0.45	470
IRF-1	8.2	± 10 %	50	7.9	55.0	0.55	425
IRF-1	10.0	± 10 %	50	7.9	50.0	0.72	370

*Measured with full length lead. **Rated DC current based on a temperature rise of 15 °C at + 90 °C ambient.

STANDARD ELECTRICAL SPECIFICATIONS							
MODEL	INDUCTANCE (μH)	TOLERANCE	Q MINIMUM	TEST FREQUENCY L & Q (MHz)	SELF-RESONANT* FREQ. MIN. (MHz)	DCR MAXIMUM (Ohms)	RATED DC** CURRENT (mA)
IRF-1	12.0	± 10 %	50	2.5	40.0	0.80	350
IRF-1	15.0	± 10 %	50	2.5	35.0	0.88	335
IRF-1	18.0	± 10 %	50	2.5	30.0	1.0	315
IRF-1	22.0	± 10 %	50	2.5	25.0	1.2	285
IRF-1	27.0	± 10 %	50	2.5	20.0	1.35	270
IRF-1	33.0	± 10 %	50	2.5	24.0	1.5	255
IRF-1	39.0	± 10 %	50	2.5	22.0	1.7	240
IRF-1	47.0	± 10 %	60	2.5	20.0	2.3	205
IRF-1	56.0	± 10 %	60	2.5	18.0	2.6	195
IRF-1	68.0	± 10 %	60	2.5	15.0	2.9	185
IRF-1	82.0	± 10 %	60	2.5	14.0	3.2	175
IRF-1	100.0	± 10 %	60	2.5	13.0	3.5	165
IRF-1	120.0	± 10 %	60	0.79	5.40	3.8	160
IRF-1	150.0	± 10 %	60	0.79	4.75	4.4	150
IRF-1	180.0	± 10 %	60	0.79	4.35	5.0	140
IRF-1	220.0	± 10 %	60	0.79	4.0	5.7	130
IRF-1	270.0	± 10 %	60	0.79	3.70	6.5	120
IRF-1	330.0	± 10 %	60	0.79	3.40	9.5	100
IRF-1	390.0	± 10 %	60	0.79	2.80	10.5	95
IRF-1	470.0	± 10 %	60	0.79	2.55	11.6	90
IRF-1	560.0	± 10 %	60	0.79	2.35	13.0	85
IRF-1	680.0	± 10 %	60	0.79	2.0	18.0	75
IRF-1	820.0	± 10 %	60	0.79	1.85	23.0	65
IRF-1	1000.0	± 10 %	60	0.79	1.40	26.0	60
IRF-3	0.22	± 20 %	55	25.0	380.0	0.10	1400
IRF-3	0.27	± 20 %	55	25.0	340.0	0.11	1320
IRF-3	0.33	± 20 %	55	25.0	300.0	0.12	1280
IRF-3	0.39	± 20 %	55	25.0	280.0	0.13	1200
IRF-3	0.47	± 20 %	55	25.0	250.0	0.14	1150
IRF-3	0.56	± 20 %	55	25.0	230.0	0.15	1100
IRF-3	0.68	± 20 %	55	25.0	210.0	0.16	1030
IRF-3	0.82	± 20 %	55	25.0	172.0	0.17	980
IRF-3	1.0	± 10 %	55	25.0	157.0	0.19	920
IRF-3	1.2	± 10 %	50	7.9	144.0	0.21	880
IRF-3	1.5	± 10 %	50	7.9	131.0	0.23	830
IRF-3	1.8	± 10 %	55	7.9	121.0	0.25	790
IRF-3	2.2	± 10 %	55	7.9	110.0	0.28	750
IRF-3	2.7	± 10 %	60	7.9	100.0	0.30	720
IRF-3	3.3	± 10 %	65	7.9	94.0	0.34	670
IRF-3	3.9	± 10 %	65	7.9	86.0	0.37	640
IRF-3	4.7	± 10 %	70	7.9	80.0	0.39	620
IRF-3	5.6	± 10 %	70	7.9	74.0	0.43	590
IRF-3	6.8	± 10 %	75	7.9	68.0	0.48	550
IRF-3	8.2	± 10 %	80	7.9	53.0	0.52	530
IRF-3	10.0	± 10 %	85	7.9	45.0	0.58	500
IRF-3	12.0	± 10 %	75	2.5	42.0	0.63	480
IRF-3	15.0	± 10 %	70	2.5	40.0	0.72	460
IRF-3	18.0	± 10 %	65	2.5	34.0	0.77	430
IRF-3	22.0	± 10 %	60	2.5	30.0	0.84	410
IRF-3	27.0	± 10 %	55	2.5	25.0	0.94	390
IRF-3	33.0	± 10 %	55	2.5	19.0	1.03	370
IRF-3	39.0	± 10 %	50	2.5	14.5	1.12	350
IRF-3	47.0	± 10 %	45	2.5	13.0	1.22	340
IRF-3	56.0	± 10 %	40	2.5	12.0	1.34	320
IRF-3	68.0	± 10 %	40	2.5	11.0	1.47	305
IRF-3	82.0	± 10 %	35	2.5	10.3	1.62	290
IRF-3	100.0	± 10 %	30	2.5	9.5	1.8	275
IRF-3	120.0	± 10 %	70	0.79	3.8	3.7	185
IRF-3	150.0	± 10 %	70	0.79	3.5	4.2	175
IRF-3	180.0	± 10 %	70	0.79	3.3	4.6	165
IRF-3	220.0	± 10 %	70	0.79	3.0	5.1	155
IRF-3	270.0	± 10 %	70	0.79	2.8	5.8	145
IRF-3	330.0	± 10 %	70	0.79	2.6	6.4	137
IRF-3	390.0	± 10 %	65	0.79	2.4	7.0	133
IRF-3	470.0	± 10 %	65	0.79	2.25	7.7	126
IRF-3	560.0	± 10 %	65	0.79	2.1	8.5	120
IRF-3	680.0	± 10 %	65	0.79	1.95	9.4	113
IRF-3	820.0	± 10 %	65	0.79	1.85	10.5	105
IRF-3	1000.0	± 10 %	65	0.79	1.4	14.0	100

*Measured with full length lead. **Rated DC current based on a temperature rise of 15 °C at + 90 °C ambient.

ORDERING INFORMATION				
IRF-1	10	± 10 %	ER	e2
MODEL	INDUCTANCE VALUE	INDUCTANCE TOLERANCE	PACKAGE CODE	JDEC LEAD FREE STANDARD

GLOBAL PART NUMBER INFORMATION				
I	R	F	0	1
MODEL				
E	R			
PACKING CODE				
1	0	0		
INDUCTANCE VALUE				
				K
				TOL.



Notice

Specifications of the products displayed herein are subject to change without notice. Vishay Intertechnology, Inc., or anyone on its behalf, assumes no responsibility or liability for any errors or inaccuracies.

Information contained herein is intended to provide a product description only. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Vishay's terms and conditions of sale for such products, Vishay assumes no liability whatsoever, and disclaims any express or implied warranty, relating to sale and/or use of Vishay products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright, or other intellectual property right.

The products shown herein are not designed for use in medical, life-saving, or life-sustaining applications. Customers using or selling these products for use in such applications do so at their own risk and agree to fully indemnify Vishay for any damages resulting from such improper use or sale.

Leaded Magnetics Packaging Methods

TAPE AND REEL in inches [millimeters]											
Reel Pack											
MODEL	PREVIOUS CODE*	GLOBAL CODE LEAD BEARING	GLOBAL CODE LEAD (Pb)-FREE	REEL SIZE	CARRIER TAPE WIDTH (W)	COMPONENT PITCH (P)	UNITS/ REEL	PREVIOUS CODE*	GLOBAL CODE LEAD BEARING	GLOBAL CODE LEAD (Pb)-FREE	UNITS/ REEL
IM-1	R36	RU	ER	12	2.06 [52.39]	0.2 [5.08]	4000	B08	BH	EB	200
	RJ1	SH	ES	7.5	2.06 [52.39]	0.2 [5.08]	400				
	RJ4	ST	EV	7.5	2.06 [52.39]	0.2 [5.08]	1000				
IM-2	R36	RU	ER	12	2.06 [52.39]	0.2 [5.08]	4000	B08	BH	EB	200
	RJ1	SH	ES	7.5	2.06 [52.39]	0.2 [5.08]	400				
	RJ4	ST	EV	7.5	2.06 [52.39]	0.2 [5.08]	1000				
IM-4	R36	RU	ER	12	2.06 [52.39]	0.2 [5.08]	2500	B08	BH	EB	200
	RJ1	SH	ES	7.5	2.06 [52.39]	0.2 [5.08]	400				
	RJ4	ST	EV	7.5	2.06 [52.39]	0.2 [5.08]	1000				
IM-6	R36	RU	ER	12	2.06 [52.39]	0.4 [10.16]	2000	B08	BH	EB	200
	RJ1	SH	ES	7.5	2.06 [52.39]	0.4 [10.16]	400				
IM-8	RB5	RA	EZ	12	2.06 [52.39]	0.4 [10.16]	1000	B08	BH	EB	100
	RJ2	SJ	ET	7.5	2.06 [52.39]	0.4 [10.16]	400				
IM-9	RB5	RA	EZ	12	2.06 [52.39]	0.4 [10.16]	800	B08	BH	EB	80
	RJ2	SJ	ET	7.5	2.06 [52.39]	0.4 [10.16]	400				
	RJ5	SS	EW	12	2.06 [52.39]	0.4 [10.16]	1000				
IM-10	RB5	RA	EZ	12	2.06 [52.39]	0.4 [10.16]	800	B08	BH	EB	70
	RJ2	SJ	ET	7.5	2.06 [52.39]	0.4 [10.16]	400				
IM-6-38	RB5	RA	EZ	12	2.06 [52.39]	0.4 [10.16]	1000	B08	BH	EB	200
	RJ2	SJ	ET	7.5	2.06 [52.39]	0.4 [10.16]	400				
IM-6RFCS-40	R36	RU	ER	12	2.06 [52.39]	0.4 [10.16]	1000	B08	BH	EB	200
	RJ1	SH	ES	7.5	2.06 [52.39]	0.4 [10.16]	400				
IM-10-22	RB5	RR	EZ	12	2.06 [52.39]	0.4 [10.16]	500	B08	BH	EB	100
IM-10-28	R07	NA	EY	12	2.88 [73.15]	0.4 [10.16]	250	B08	BH	EB	70
IM-10-31	-	-	-	-	-	-	-	B08	BH	EB	50
IM-10-37	RB5	RA	EZ	12	2.06 [52.39]	0.4 [10.16]	500	B08	BH	EB	40
IM-10-46	-	-	-	-	-	-	-	B08	BH	EB	25
IM-10RFCL-12	RB5	RA	EZ	12	2.19 [55.63]	0.4 [10.16]	250	B08	BH	EB	50
IMS-2WWD-40	R36	RU	ER	12	2.06 [52.39]	0.2 [5.08]	4000	B08	BH	EB	200
	RJ1	SH	ES	7.5	2.06 [52.39]	0.2 [5.08]	400				
	RJ4	ST	EV	7.5	2.06 [52.39]	0.2 [5.08]	1000				
IMS-2SWWD-3	R36	RU	ER	12	2.06 [52.39]	0.2 [5.08]	4000	B08	BH	EB	100
	RJ1	SH	ES	7.5	2.06 [52.39]	0.2 [5.08]	400				
	RJ4	ST	EV	7.5	2.06 [52.39]	0.2 [5.08]	1000				
IMS-2	R36	RU	ER	12	2.06 [52.39]	0.2 [5.08]	4000	B08	BH	EB	200
	RJ1	SH	ES	7.5	2.06 [52.39]	0.2 [5.08]	400				
	RJ4	ST	EV	7.5	2.06 [52.39]	0.2 [5.08]	1000				
IMS-5	R36	RU	ER	12	2.50 [63.50]	0.2 [5.08]	2500	B08	BH	EB	200
	RJ1	SH	ES	7.5	2.50 [63.50]	0.2 [5.08]	400				
	RJ4	ST	EV	7.5	2.50 [63.50]	0.2 [5.08]	1000				
IMS-5WD-40	R36	RU	ER	12	2.50 [63.50]	0.2 [5.08]	2500	B08	BH	EB	200
	RJ1	SH	ES	7.5	2.50 [63.50]	0.2 [5.08]	400				
	RJ4	ST	EV	7.5	2.50 [63.50]	0.2 [5.08]	1000				

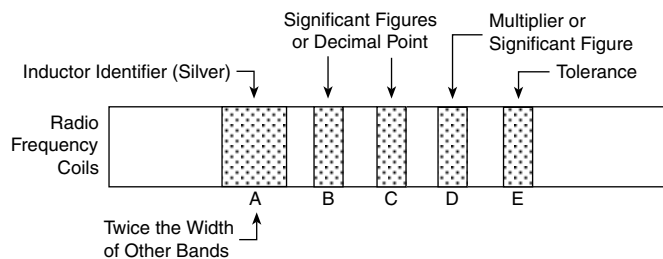


TAPE AND REEL in inches [millimeters]											
MODEL	PREVIOUS CODE*	GLOBAL CODE LEAD BEARING	GLOBAL CODE LEAD (Pb)-FREE	REEL SIZE	CARRIER TAPE WIDTH (W)	COMPONENT PITCH (P)	UNITS/ REEL	PREVIOUS CODE*	GLOBAL CODE LEAD BEARING	GLOBAL CODE LEAD (Pb)-FREE	UNITS/ REEL
IMS-5SWD-65	R36	RU	ER	12	2.50 [63.50]	0.2 [5.08]	2500	B08	BH	EB	200
	RJ1	SH	ES	7.5	2.50 [63.50]	0.2 [5.08]	400				
	RJ4	ST	EV	7.5	2.50 [63.50]	0.2 [5.08]	1000				
IR-2	R36	RU	ER	12	2.06 [52.39]	0.2 [5.08]	4000	B08	BH	EB	200
	RJ1	SH	ES	7.5	2.06 [52.39]	0.2 [5.08]	400				
	RJ4	ST	EV	12	2.06 [52.39]	0.2 [5.08]	1000				
IR-4	R36	RU	ER	12	2.06 [52.39]	0.2 [5.08]	2500	B08	BH	EB	200
	RJ1	SH	ES	7.5	2.06 [52.39]	0.2 [5.08]	400				
	RJ4	ST	EV	7.5	2.06 [52.39]	0.2 [5.08]	1000				
IRF-1	R36	RU	ER	12	2.06 [52.39]	0.2 [5.08]	4000	B08	BH	EB	200
	RJ1	SH	ES	7.5	2.06 [52.39]	0.2 [5.08]	400				
	RJ4	ST	EV	7.5	2.06 [52.39]	0.2 [5.08]	1000				
IRF-3	R36	RU	ER	12	2.06 [52.39]	0.2 [5.08]	2500	B08	BH	EB	200
	RJ1	SH	ES	7.5	2.06 [52.39]	0.2 [5.08]	400				
	RJ4	ST	EV	7.5	2.06 [52.39]	0.2 [5.08]	1000				
IRF-24	-	-	ER	12	2.06 [52.39]	0.2 [5.08]	5000	-	-	-	-
IRF-36	-	-	ER	12	2.06 [52.39]	0.2 [5.08]	5000	-	-	-	-
IRF-46	-	-	ER	12	2.06 [52.39]	0.2 [5.08]	3000	-	-	-	-
IHD-1	R16	RR	ER	12	2.06 [52.39]	0.4 [10.16]	800	B08	BH	EB	50
IHD-3	RA3	AC	ER	12	2.87 [72.90]	0.6 [15.24]	200	B08	BH	EB	190
IHD-2	-	-	-	-	-	-	-	-	-	EB	150
IHD-4	-	-	-	-	-	-	-	-	-	EB	60
IHA-101	-	-	-	-	-	-	-	B01	BA	EB	210
IHA-102	-	-	-	-	-	-	-	B01	BA	EB	210
IHA-103	-	-	-	-	-	-	-	B01	BA	EB	200
IHA-104	-	-	-	-	-	-	-	B01	BA	EB	160
IHA-105	-	-	-	-	-	-	-	B01	BA	EB	160
IHA-201	-	-	-	-	-	-	-	B01	BA	EB	200
IHA-202	-	-	-	-	-	-	-	B01	BA	EB	180
IHA-203	-	-	-	-	-	-	-	B01	BA	EB	160
IHA-204	-	-	-	-	-	-	-	B01	BA	EB	120
IHA-205	-	-	-	-	-	-	-	B01	BA	EB	75
IHA-301	-	-	-	-	-	-	-	B01	BA	EB	210
IHA-302	-	-	-	-	-	-	-	B01	BA	EB	240
IHA-303	-	-	-	-	-	-	-	B01	BA	EB	160
IHA-304	-	-	-	-	-	-	-	B01	BA	EB	160
IHA-305	-	-	-	-	-	-	-	B01	BA	EB	160
IHA-501	-	-	-	-	-	-	-	B01	BA	EB	210
IHA-502	-	-	-	-	-	-	-	B01	BA	EB	200
IHA-503	-	-	-	-	-	-	-	B01	BA	EB	75
IHA-504	-	-	-	-	-	-	-	B01	BA	EB	75
IHA-505	-	-	-	-	-	-	-	B01	BA	EB	75
IH-3 5, 27, 50 & 100 µH	-	-	-	-	-	-	-	B15	BQ	EB	150
IH-3 10 µH	-	-	-	-	-	-	-	B15	BQ	EB	200
IH-3 50 µH	-	-	-	-	-	-	-	B15	BQ	EB	50
IH-3 250 µH	-	-	-	-	-	-	-	B15	BQ	EB	75
IH-4 0 µH	-	-	-	-	-	-	-	B15	BQ	EB	160
IH-5 5 & 10 µH	-	-	-	-	-	-	-	B15	BQ	EB	200
IH-5 27 µH	-	-	-	-	-	-	-	B15	BQ	EB	150
IH-5 50, 68, 100 & 150 µH	-	-	-	-	-	-	-	B15	BQ	EB	50
IH-10 5 & 10 µH	-	-	-	-	-	-	-	B15	BQ	EB	150

TAPE AND REEL in inches [millimeters]											
MODEL	PREVIOUS CODE*	GLOBAL CODE LEAD BEARING	GLOBAL CODE LEAD (Pb)-FREE	REEL SIZE	CARRIER TAPE WIDTH (W)	COMPONENT PITCH (P)	UNITS/ REEL	PREVIOUS CODE*	GLOBAL CODE LEAD BEARING	GLOBAL CODE LEAD (Pb)-FREE	UNITS/ REEL
IH-10 27 μ H	-	-		-	-	-	-	B15	BQ	EB	50
IH-10 50, 68 & 100 μ H	-	-		-	-	-	-	B15	BQ	EB	75
IH-15 5 μ H	-	-		-	-	-	-	B15	BQ	EB	50
IH-15 10 & 27 μ H	-	-		-	-	-	-	B15	BQ	EB	75
IH-15 50 μ H	-	-		-	-	-	-	B15	BQ	EB	60
IHM-2	-	-		-	-	-	-	P12	PM	EB	20
IHB-1	-	-		-	-	-	-	B40	BV	EB	48
IHB-2	-	-		-	-	-	-	B40	BV	EB	30
IHB-3	-	-		-	-	-	-	B40	BV	EB	20
IHB-4	-	-		-	-	-	-	B40	BV	EB	16
IHB-5	-	-		-	-	-	-	B40	BV	EB	16
IHB-6	-	-		-	-	-	-	B40	BV	EB	16
IHV-15-500	-	-		-	-	-	-	B48	BZ	EB	10
IHV-20-200	-	-		-	-	-	-	B48	BZ	EB	10
IHV-28-60	-	-		-	-	-	-	B48	BZ	EB	14
IHV-30-150	-	-		-	-	-	-	B48	BZ	EB	5
IHV-40-39	-	-		-	-	-	-	B48	BZ	EB	10
IHV-45-92	-	-		-	-	-	-	B48	BZ	EB	5
IHV-50-50	-	-		-	-	-	-	B48	BZ	EB	5
IHV-60-24	-	-		-	-	-	-	B48	BZ	EB	5
PC	-	-		-	-	-	-	F09	FJ	EB	40
VIV	-	-		-	-	-	-	F09	FJ	EB	40
VIH	-	-		-	-	-	-	F09	FJ	EB	40
WVL	-	-		-	-	-	-	F09	FJ	EB	40
TJ3-1U	-	-		-	-	-	-	T07	TG	EB	100
TJ3-2U	-	-		-	-	-	-	T07	TG	EB	100
TJ4-1U	-	-		-	-	-	-	T07	TG	EB	100
TJ4-2U	-	-		-	-	-	-	T07	TG	EB	30
TJ5-1U	-	-		-	-	-	-	T07	TG	EB	100
TJ5-2U	-	-		-	-	-	-	T07	TG	EB	30
TJ6-1U	-	-		-	-	-	-	T07	TG	EB	20
TJ6-2U	-	-		-	-	-	-	T07	TG	EB	36
TJ7-1U	-	-		-	-	-	-	T07	TG	EB	20
TJ7-2U	-	-		-	-	-	-	T07	TG	EB	12
TJ8-1U	-	-		-	-	-	-	T07	TG	EB	15
TJ8-2U	-	-		-	-	-	-	T07	TG	EB	8
TJ9-1U	-	-		-	-	-	-	T07	TG	EB	9
TJ9-2U	-	-		-	-	-	-	T07	TG	EB	3
TE-3	-	-		-	-	-	-	P09	PJ	EB	5
TE-4	-	-		-	-	-	-	P09	PJ	EB	2
TE-5	-	-		-	-	-	-	P09	PJ	EB	2
TD-3	-	-		-	-	-	-	P09	PJ	EB	5
TD-4	-	-		-	-	-	-	P09	PJ	EB	2
TD-5	-	-		-	-	-	-	P09	PJ	EB	2
TC	-	-		-	-	-	-	B09	BJ	EB	36
TA	-	-		-	-	-	-	B42	BX	EB	45
PT-10	-	-		-	-	-	-	C03	CC	EB	32
PT-20	-	-		-	-	-	-	B09	BJ	EB	32
PT-50	-	-		-	-	-	-	B09	BJ	EB	45
PT-100	-	-		-	-	-	-	B09	BJ	EB	50
PT-200	-	-		-	-	-	-	B09	BJ	EB	50
PL-11-xx	-	-		-	-	-	-	C03	CC	EB	10
PL-22-xx	-	-		-	-	-	-	C03	CC	EB	10

MILITARY PART ORDERING EXAMPLES	
TRANSFORMERS AND INDUCTORS	
MIL-T-27E (Basic [TF]) (Established Reliability - None) $\frac{M27}{1} \frac{215}{2} \frac{05}{3} =$ Dale TE- 1.0 2 % Type 3Q0TR mH	1. Military Specification 2. Specification Sheet Number 3. Specification Sheet Dash Number Indicating Value and Electrical Ratings
MIL-C-15305E (Basic [LT]) (Established Reliability MIL-C-39010) $\frac{LT}{1} \frac{4}{2} \frac{K}{3} =$ Dale IM-2 (0.10 μ H to 1.00 μ H) 10 % Type	NOTE: Parts will be color banded. Value per Military Standard dash number. 1. Style 2. Grade and Class 3. Family K = Coil, Radio Frequency, Fixed

MILITARY COLOR CODES - RF COILS			
COLOR	BAND B & C SIGNIFICANT FIGURES or DECIMAL POINT	BAND D MULTIPLIER* or SIGNIFICANT FIGURE	BAND E INDUCTANCE TOLERANCE
Black	0	1	-
Brown	1	10	± 1 %
Red	2	100	± 2 %
Orange	3	1000	± 3 %
Yellow	4	10 000	± 4 %
Green	5	-	-
Blue	6	-	-
Violet	7	-	-
Gray	8	-	-
White	9	-	-
None**	-	-	± 20 %
Silver	-	-	± 10 %
Gold	Decimal Point	-	± 5 %



Band "A" is twice the width of the other bands and is silver in color to identify part as an inductor. ***
For Inductance Values Less Than 10 either Band "B" or Band "C" will be gold and will represent the decimal point. The other two bands ("B" and "D" or "C" and "D") will represent significant figures.
For Inductance Values of 10 or More Band "B" and Band "C" represent significant figures and Band "D" is the Multiplier.
For small units, dots may be used in place of bands.

* The multiplier is the factor by which two significant figures are multiplied to yield the nominal inductance value.
 ** Indicates body color.
 *** Coated inductors are marked with four color bands, the first being a double wide significant figure or decimal point in lieu of the double wide silver inductor identifier.