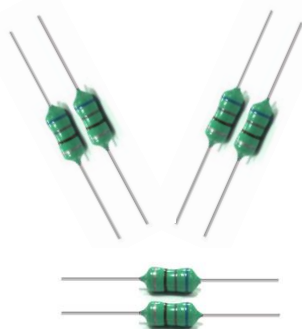


Axial HAL0307T-0510T Series



Features

- Coating epoxy resin that ensures the humidity resistance to be long life.
- Low Cost.

Application

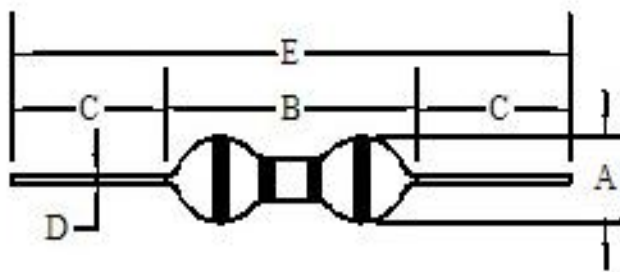
- Electronics products
- Communication equipment
- Computer Devices
- TV, VCR

Tolerance

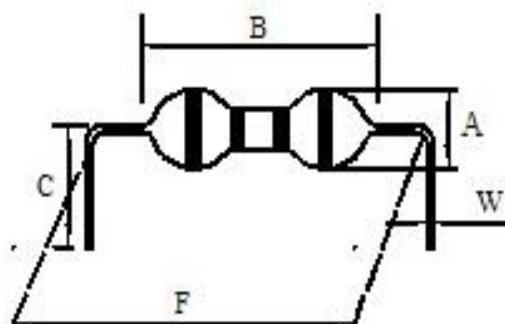
- (J±5%, K±10%, M±20%)

Configurations & Dimensions

Normal Form&Short Form



U Forming



Dimensions

Chip Size

Units:mm

TYPE	A (max)	B (max)	C	D±0.05	E±1.5	F	W
HAL0307TR/TB	3	7	28±2.0	0.5	62.5		
HAL0410TR/TB	4	10	28±2.0	0.65	62.5		
HAL0510TR/TB	5	11	28±2.0	0.65	62.5		
HAL0307TR/TB (U)	3	7	3.6			10-20	0.5
HAL0410TR/TB (U)	4	10	3.6			12.5-20	0.65
HAL0510TR/TB (U)	5	11	3.6			6-12	0.65



Speciflcations HAL0307

Part Number	Inductance (uH)	Q min	Freq (MHz) max	SRF (MHz) (min)	DCR (Ω) max	IDC (mA) (max)
HAL0307TR-R22M	0.22	40	25.20	380.0	0.08	1150
HAL0307TR-R33M	0.33	40	25.20	350.0	0.10	1110
HAL0307TR-R39M	0.39	40	25.20	320.0	0.10	1000
HAL0307TR-R47M	0.47	40	25.20	300.0	0.11	1000
HAL0307TR-R56M	0.56	40	25.20	280.0	0.12	950
HAL0307TR-R68M	0.68	40	25.20	250.0	0.13	900
HAL0307TR-R82M	0.82	40	25.20	200.0	0.14	900
HAL0307TR-1R0K	1.00	40	25.20	180.0	0.15	815
HAL0307TR-1R2K	1.20	40	7.96	165.0	0.18	740
HAL0307TR-1R5K	1.50	40	7.96	150.0	0.20	700
HAL0307TR-1R8K	1.80	50	7.96	125.0	0.23	655
HAL0307TR-2R2K	2.20	50	7.96	110.0	0.25	630
HAL0307TR-2R7K	2.70	50	7.96	95.0	0.28	595
HAL0307TR-3R3K	3.30	50	7.96	70.0	0.30	575
HAL0307TR-3R9K	3.90	50	7.96	65.0	0.32	555
HAL0307TR-4R7K	4.70	50	7.96	50.0	0.35	530
HAL0307TR-5R6K	5.60	50	7.96	40.0	0.40	500
HAL0307TR-6R8K	6.80	50	7.96	30.0	0.45	470
HAL0307TR-8R2K	8.20	50	7.96	28.0	0.56	425
HAL0307TR-100K	10.00	50	7.96	22.0	0.75	370
HAL0307TR-120K	12.00	50	2.52	20.0	0.80	350
HAL0307TR-150K	15.00	50	2.52	16.0	0.93	335
HAL0307TR-180K	18.00	50	2.52	15.0	1.00	315
HAL0307TR-220K	22.00	50	2.52	13.0	1.20	285
HAL0307TR-270K	27.00	50	2.52	11.0	1.8	270
HAL0307TR-330K	33.00	50	2.52	10.0	2.1	255
HAL0307TR-390K	39.00	50	2.52	9.5	2.3	240
HAL0307TR-470K	47.00	50	2.52	8.5	2.6	205
HAL0307TR-560K	56.00	50	2.52	7.5	2.9	195
HAL0307TR-680K	68.00	50	2.52	6.5	3.3	185
HAL0307TR-820K	82.00	50	2.52	6.0	3.8	175
HAL0307TR-101K	100.00	50	2.52	5.5	4.2	165
HAL0307TR-121K	120.00	60	0.796	5.4	4.7	160
HAL0307TR-151K	150.00	60	0.796	4.7	5.4	150
HAL0307TR-181K	180.00	60	0.796	4.3	6.0	140
HAL0307TR-221K	220.00	60	0.796	4.0	7.0	130
HAL0307TR-271K	270.00	60	0.796	3.7	7.7	120
HAL0307TR-331K	330.00	60	0.796	3.4	11.1	100
HAL0307TR-391K	390.00	60	0.796	2.8	12.6	95
HAL0307TR-471K	470.00	60	0.796	2.5	14.0	90
HAL0307TR-561K	560.00	60	0.796	2.3	15.5	85
HAL0307TR-681K	680.00	60	0.796	2.0	25.3	75
HAL0307TR-821K	820.00	60	0.796	1.5	27.5	65
HAL0307TR-102K	1000.00	50	0.796	1.2	31.4	60



Speciflcations HAL0410

Part Number	Inductance (uH)	Q min	Freq (MHz) max	SRF (MHz) (min)	DCR (Ω) max	IDC (mA) (max)
HAL0410TR-R22M	0.22	25	25.20	380	0.08	1400
HAL0410TR-R27M	0.27	25	25.20	340	0.09	1320
HAL0410TR-R33M	0.33	25	25.20	300	0.10	1280
HAL0410TR-R39M	0.39	25	25.20	280	0.12	1200
HAL0410TR-R47M	0.47	25	25.20	250	0.13	1150
HAL0410TR-R56M	0.56	25	25.20	230	0.14	1100
HAL0410TR-R68M	0.68	25	25.20	210	0.15	1030
HAL0410TR-R82M	0.82	45	25.20	172	0.16	980
HAL0410TR-1R0K	1.00	45	25.20	157	0.17	920
HAL0410TR-1R2K	1.20	50	7.96	144	0.18	880
HAL0410TR-1R5K	1.50	50	7.96	131	0.20	830
HAL0410TR-1R8K	1.80	55	7.96	121	0.22	790
HAL0410TR-2R2K	2.20	55	7.96	110	0.24	750
HAL0410TR-2R7K	2.70	60	7.96	100	0.25	720
HAL0410TR-3R3K	3.30	65	7.96	94	0.30	670
HAL0410TR-3R9K	3.90	65	7.96	86	0.35	640
HAL0410TR-4R7K	4.70	70	7.96	80	0.40	620
HAL0410TR-5R6K	5.60	70	7.96	74	0.45	590
HAL0410TR-6R8K	6.80	75	7.96	68	0.50	550
HAL0410TR-8R2K	8.20	80	7.96	53	0.60	530
HAL0410TR-100K	10.00	80	7.96	45	0.65	500
HAL0410TR-120K	12.00	75	2.52	34	0.70	480
HAL0410TR-150K	15.00	70	2.52	20.0	0.75	460
HAL0410TR-180K	18.00	65	2.52	14.0	0.80	430
HAL0410TR-220K	22.00	50	2.52	9.9	0.90	410
HAL0410TR-270K	27.00	55	2.52	7.6	1.0	390
HAL0410TR-330K	33.00	55	2.52	6.3	1.1	370
HAL0410TR-390K	39.00	50	2.52	6.3	1.2	350
HAL0410TR-470K	47.00	45	2.52	6.3	1.3	340
HAL0410TR-560K	56.00	40	2.52	6.2	1.5	320
HAL0410TR-680K	68.00	40	2.52	5.7	1.8	305
HAL0410TR-820K	82.00	35	2.52	5.3	2.0	290
HAL0410TR-101K	100.00	30	2.52	4.8	2.5	275
HAL0410TR-121K	120.00	70	0.796	3.8	3.0	185
HAL0410TR-151K	150.00	70	0.796	3.5	4.2	175
HAL0410TR-181K	180.00	70	0.796	3.3	4.6	165
HAL0410TR-221K	220.00	70	0.796	3.0	5.1	155
HAL0410TR-271K	270.00	65	0.796	2.8	6.0	145
HAL0410TR-331K	330.00	65	0.796	2.6	6.5	137
HAL0410TR-391K	390.00	65	0.796	2.4	7.5	133
HAL0410TR-471K	470.00	60	0.796	2.2	8.5	126
HAL0410TR-561K	560.00	60	0.796	2.1	9.5	120
HAL0410TR-681K	680.00	55	0.796	1.9	12.0	113
HAL0410TR-821K	820.00	55	0.796	1.8	14.0	105
HAL0410TR-102K	1000.00	50	0.796	1.4	20.0	85



Specifications HAL0510

Part Number	Inductance (uH)	Q min	Freq (MHz) max	SRF (MHz) (min)	DCR (Ω) max	IDC (mA) (max)
HAL0510TR-471K	470	60	0.796	1.90	4.70	126
HAL0510TR-561K	560	50	0.796	1.80	5.50	120
HAL0510TR-681K	680	55	0.796	1.50	6.20	113
HAL0510TR-821K	820	45	0.796	1.20	7.00	105
HAL0510TR-102K	1000	40	0.252	1.00	8.00	100
HAL0510TR-122K	1200	40	0.252	0.95	9.00	95
HAL0510TR-152K	1500	40	0.252	0.90	10.00	90
HAL0510TR-182K	1800	40	0.252	0.85	11.00	85
HAL0510TR-222K	2200	40	0.252	0.80	14.00	80
HAL0510TR-272K	2700	40	0.252	0.75	18.00	75
HAL0510TR-332K	3300	40	0.252	0.70	22.00	62
HAL0510TR-392K	3900	40	0.252	0.65	26.00	59
HAL0510TR-472K	4700	40	0.252	0.60	30.00	55
HAL0510TR-562K	5600	30	0.252	0.50	34.00	40
HAL0510TR-682K	6800	30	0.252	0.45	48.00	35
HAL0510TR-822K	8200	30	0.252	0.40	62.00	30
HAL0510TR-103K	10000	20	0.252	0.35	74.00	25