

# KOA 0402, 0603, 0805, 1206, 1210, 2010 & 2512 - 1% Resistors



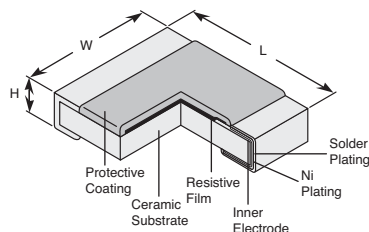
KOA SPEER ELECTRONICS, INC.

This product is RoHS compliant.

## RK73H SERIES - THICK FILM

### Features:

- RuO<sub>2</sub> thick film resistor element
- Anti-leaching nickel barrier terminations
- Also available with epoxy bondable palladium silver terminations in 2A and 2B sizes
- Meets or exceeds EIA 575, EIAJ RC 2690A, EIA PDP-100, MIL-R-55342F
- Marking: Four-digit black on blue protective coat  
No marking on 1H and 1E size  
Three-digit on 1J size, E-24 values only
- Operating temperature: -55°C to +155°C
- TCR (ppm/°C) max = ±10ppm



\* Not all values available in all sizes. Insert Value Code from Table of Values.

Size	MOUSER STOCK NO.	Value	Price Each			Reel	
			1	100	1000	Quantity	Price Per Piece
0402	<a href="#">660-RK73H1ETTP</a>	Code	.08	.02	.015	10000	.008
0603	<a href="#">660-RK73H1JTTD</a>	Code	.08	.02	.015	5000	.008
0805	<a href="#">660-RK73H2ATTD</a>	Code	.09	.03	.024	5000	.012
1206	<a href="#">660-RK73H2BTTD</a>	Code	.08	.038	.025	5000	.015
1210	<a href="#">660-RK73H2ETTD</a>	Code	.25	.10	.06	5000	.051
2010	<a href="#">660-RK73H2HTTE</a>	Code	.18	.13	.08	4000	.07
2512	<a href="#">660-RK73H3ATTE</a>	Code	.40	.30	.28	4000	.26

Available in various tolerances, case sizes, and 10PPM and 50PPM. Contact a Mouser Sales Representative for more information.

Type (Inch Size Code)	Power Rating	Dimensions: mm		
		L	W	H
0402	1/16W	1	0.5±0.05	0.35±0.05
0603	1/10W	1.6±0.2	0.8±0.1	0.45±0.1
0805	1/8W	2.0±0.2	1.25±0.1	0.5±0.1
1206	1/4W	3.2±0.2	1.6±0.2	0.6±0.1
1210	1/3W	3.2±0.2	2.6±0.2	0.6±0.1
2010	3/4W	5.0±0.2	2.5±0.2	0.6±0.1
2512	1W	6.3±0.2	3.1±0.2	0.6±0.1

### TABLE OF VALUES

Value (Ω)	Value Code *	Value (Ω)	Value Code *	Value (Ω)	Value Code *	Value (Ω)	Value Code *	Value (Ω)	Value Code *	Value (Ω)	Value Code *	Value (Ω)	Value Code *	Value (Ω)	Value Code *
10	10R0F	43.2	43R2F	187	1870F	806	8060F	3.48K	3481F	15K	1502F	66.5K	6652F	280K	2803F
10.2	10R2F	44.2	44R2F	191	1910F	825	8250F	3.57K	3571F	15.4K	1542F	68.1K	6812F	287K	2873F
10.5	10R5F	45.3	45R5F	196	1960F	845	8450F	3.65K	3651F	15.8K	1582F	69.8K	6982F	294K	2943F
10.7	10R7F	46.4	46R4F	200	2000F	866	8660F	3.74K	3741F	16.2K	1622F	71.5K	7152F	301K	3013F
11	11R0F	47.5	47R5F	205	2050F	887	8870F	3.83K	3831F	16.5K	1652F	73.2K	7322F	309K	3093F
11.3	11R3F	48.7	48R7F	210	2100F	909	9090F	3.92K	3921F	16.9K	1692F	75K	7502F	316K	3163F
11.5	11R5F	49.9	49R9F	215	2150F	931	9310F	4.02K	4021F	17.4K	1742F	76.8K	7682F	324K	3243F
11.8	11R8F	51.1	51R1F	221	2210F	953	9530F	4.12K	4121F	17.8K	1782F	78.7K	7872F	332K	3323F
12.1	12R1F	52.3	52R3F	226	2260F	976	9760F	4.22K	4221F	18.2K	1822F	80.6K	8062F	340K	3403F
12.4	12R4F	53.6	53R6F	232	2320F	1K	1001F	4.32K	4321F	18.7K	1872F	82.5K	8252F	348K	3483F
12.7	12R7F	54.9	54R9F	237	2370F	1.02K	1021F	4.42K	4421F	19.1K	1912F	84.5K	8452F	357K	3573F
13	13R0F	56.2	56R2F	243	2430F	1.05K	1051F	4.53K	4531F	19.6K	1962F	86.6K	8662F	365K	3653F
13.3	13R3F	57.6	57R6F	249	2490F	1.07K	1071F	4.64K	4641F	20K	2002F	88.7K	8872F	374K	3743F
13.7	13R7F	59	59R0F	255	2550F	1.1K	1101F	4.75K	4751F	20.5K	2052F	90.9K	9092F	383K	3833F
14	14R0F	60.4	60R4F	261	2610F	1.13K	1131F	4.87K	4871F	21K	2102F	93.1K	9312F	392K	3923F
14.3	14R3F	61.9	61R9F	267	2670F	1.15K	1151F	4.99K	4991F	21.5K	2152F	95.3K	9532F	402K	4023F
14.7	14R7F	63.4	63R4F	274	2740F	1.18K	1181F	5.11K	5111F	22.1K	2212F	97.6K	9762F	412K	4123F
15	15R0F	64.9	64R9F	280	2800F	1.21K	1211F	5.23K	5231F	22.6K	2262F	100K	1003F	422K	4223F
15.4	15R4F	66.5	66R5F	287	2870F	1.24K	1241F	5.36K	5361F	23.2K	2322F	102K	1023F	432K	4323F
15.8	15R8F	68.1	68R1F	294	2940F	1.27K	1271F	5.49K	5491F	23.7K	2372F	105K	1053F	442K	4423F
16.2	16R2F	69.8	69R8F	301	3010F	1.3K	1301F	5.62K	5621F	24.3K	2432F	107K	1073F	453K	4533F
16.5	16R5F	71.5	71R5F	309	3090F	1.33K	1331F	5.76K	5761F	24.9K	2492F	110K	1103F	464K	4643F
16.9	16R9F	73.2	73R2F	316	3160F	1.37K	1371F	5.9K	5901F	25.5K	2552F	113K	1133F	475K	4753F
17.4	17R4F	75	75R0F	324	3240F	1.4K	1401F	6.04K	6041F	26.1K	2612F	115K	1153F	487K	4873F
17.8	17R8F	76.8	76R8F	332	3320F	1.43K	1431F	6.19K	6191F	26.7K	2672F	118K	1183F	499K	4993F
18.2	18R2F	78.7	78R7F	340	3400F	1.47K	1471F	6.34K	6341F	27.4K	2742F	121K	1213F	511K	5113F
18.7	18R7F	80.6	80R6F	348	3480F	1.5K	1501F	6.49K	6491F	28.7K	2872F	124K	1243F	523K	5233F
19.1	19R1F	82.5	82R5F	357	3570F	1.54K	1541F	6.65K	6651F	28K	2802F	127K	1273F	536K	5363F
19.6	19R6F	84.5	84R5F	365	3650F	1.58K	1581F	6.81K	6811F	29.4K	2942F	130K	1303F	549K	5493F
20	20R0F	86.6	86R6F	374	3740F	1.62K	1621F	6.98K	6981F	30.1K	3012F	133K	1333F	562K	5623F
20.5	20R5F	88.7	88R7F	383	3830F	1.65K	1651F	7.15K	7151F	30.9K	3092F	137K	1373F	576K	5763F
21	21R0F	90.9	90R9F	392	3920F	1.69K	1691F	7.32K	7321F	31.6K	3162F	140K	1403F	590K	5903F
21.5	21R5F	93.1	93R1F	402	4020F	1.74K	1741F	7.5K	7501F	32.4K	3242F	143K	1433F	604K	6043F
22.1	22R1F	95.3	95R3F	412	4120F	1.78K	1781F	7.68K	7681F	33.2K	3322F	147K	1473F	619K	6193F
22.6	22R6F	97.6	97R6F	422	4220F	1.82K	1821F	7.87K	7871F	34K	3402F	150K	1503F	634K	6343F
23.2	23R2F	100	1000F	432	4320F	1.87K	1871F	8.06K	8061F	34.8K	3482F	150K	1503F	649K	6493F
23.7	23R7F	102	1020F	442	4420F	1.91K	1911F	8.25K	8251F	35.7K	3572F	154K	1543F	665K	6653F
24.3	24R3F	105	1050F	453	4530F	1.96K	1961F	8.45K	8451F	36.5K	3652F	158K	1583F	681K	6813F
24.9	24R9F	107	1070F	464	4640F	2K	2001F	8.66K	8661F	37.4K	3742F	162K	1623F	698K	6983F
25.5	25R5F	110	1100F	475	4750F	2.05K	2051F	8.87K	8871F	38.3K	3832F	165K	1653F	715K	7153F
26.1	26R1F	113	1130F	487	4870F	2.1K	2101F	9.09K	9091F	39.2K	3922F	169K	1693F	732K	7323F
26.7	26R7F	115	1150F	499	4990F	2.15K	2151F	9.31K	9311F	40.2K	4022F	174K	1743F	750K	7503F
27.4	27R4F	118	1180F	511	5110F	2.21K	2211F	9.53K	9531F	41.2K	4122F	178K	1783F	778K	7783F
28	28R0F	121	1210F	523	5230F	2.26K	2261F	9.76K	9761F	42.2K	4222F	182K	1823F	806K	8063F
28.7	28R7F	124	1240F	536	5360F	2.32K	2321F	10K	1002F	43.2K	4322F	187K	1873F	825K	8253F
29.4	29R4F	127	1270F	549	5490F	2.37K	2371F	10.2K	1022F	44.2K	4422F	191K	1913F	845K	8453F
30.1	30R1F	130	1300F	562	5620F	2.43K	2431F	10.5K	1052F	45.3K	4532F	196K	1963F	866K	8663F
30.9	30R9F	133	1330F	576	5760F	2.49K	2491F	10.7K	1072F	46.4K	4642F	200K	2003F	887K	8873F
31.6	31R6F	137	1370F	590	5900F	2.55K	2551F	11K	1102F	47.5K	4752F	205K	2053F	909K	9093F
32.4	32R4F	140	1400F	604	6040F	2.61K	2611F	11.3K	1132F	48.7K	4872F	210K	2103F	931K	9313F
33.2	33R2F	143	1430F	619	6190F	2.67K	2671F	11.5K	1152F	49.9K	4992F	215K	2153F	953K	9533F
34	34R0F	147	1470F	634	6340F	2.74K	2741F	11.8K	1182F	51.1K	5112F	221K	2213F	976K	9763F
34.8	34R8F	150	1500F	649	6490F	2.87K	2871F	12.1K	1212F	52.3K	5232F	226K	2263F	1M	1004F
35.7	35R7F	154	1540F	665	6650F	2.8K	2801F	12.4K	1242F	54.9K	5492F	232K	2323F	3.65M	3654F
36.5	36R5F	158	1580F	681	6810F	2.94K	2941F	12.7K	1272F	56.2K	5622F	237K	2373F		
37.4	37R4F	162	1620F	698	6980F	3.01K	3011F	13K	1302F	57.6K	5762F	243K	2433F		
38.3	38R3F	165	1650F	715	7150F	3.09K	3091F	13.3K	1332F	59K	5902F	249K	2493F		
39.2	39R2F	169	1690F	732	7320F	3.16K	3161F	13.7K	1372F	60.4K	6042F	255K	2553F		
40.2	40R2F	174	1740F	750	7500F	3.24K	3241F	14K	1402F	61.9K	6192F	261K	2613F		
41.2	41R2F	178	1780F	768	7680F	3.32K	3321F	14.3K	1432F	63.4K	6342F	267K	2673F		
42.2	42R2F	182	1820F	787	7870F	3.4K	3401F	14.7K	1472F	64.9K	6492F	274K	2743F		