

# KOA 0402-2512 SMD Lo-Ohm Current Sense Resistors

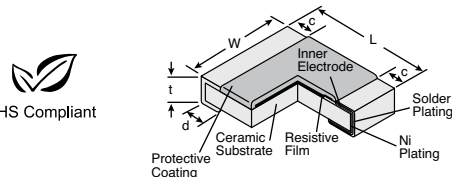


RoHS Compliant This product is RoHS compliant.

## SR73 SERIES - THICK FILM 0402, 0603, 0805, 1206, 1210, 2010, 2512

### Features:

- RuO2 thick film resistor element
- Anti-leaching nickel barrier terminations
- Meets or exceeds EIA 575, EIA PDP-100, MIL-R-55342F
- Marking: Three or four-digits on indigo protective coat. No marking, 1E size.



RoHS Compliant

\* Insert Value Code from Table of Stocked Values

Size	MOUSER STOCK NO.		Value Range (Ω)	Tol. (%)	TCR (ppm/°C)	Price Each					Reel Qty	Price Per Piece
	Code	Value				1	25	100	1000	2000		
0402	660-SR731ETTP	Code	0.1-0.118	1%	500						10000	
		Code	0.2-0.47	1%	250						10000	
		Code	0.51-10	1%	200						10000	
0603	660-SR731JTTD	Code	0.1-1.0	1%	250						5000	
0805	660-SR732ATTE	Code	30m-91m	5%	200						4000	
		Code	0.1-0.464	1%	100						4000	
		Code	0.475-10	1%	100						4000	
1206	660-SR732BTTE	Code	30m-91m	5%	200						4000	
		Code	0.1-10	1%	100						4000	
		Code	0.475-10	1%	100						4000	
1210	660-SR732ETTE	Code	24m-43m	5%	200						4000	
		Code	0.1-0.464	1%	100						4000	
		Code	0.475-10	1%	100						4000	
2010	660-SR732HTTE	Code	33m-82m	5%	200						4000	
		Code	0.1-0.464	1%	100						4000	
		Code	0.475-10	1%	100						4000	
2512	660-SR733ATTE	Code	39m-82m	5%	200						4000	
		Code	0.1-10	1%	100						4000	
		Code	0.1-10	1%	100						4000	

Type	Dimensions: in. (mm)				
	L	W	c	d	t
0402	.039 (1.0)	.02 (0.5)	.01 (0.25)	.01 (0.25)	.014 (0.35)
0603	.063 (1.6)	.031 (0.8)	.014 (0.35)	.014 (0.35)	.018 (0.45)
0805	.079 (2.0)	.049 (1.25)	.016 (0.4)	.012 (0.3)	.02 (0.5)
1206	.126 (3.2)	.063 (1.6)	.02 (0.5)	.016 (0.4)	.024 (0.6)
1210	.126 (3.2)	.102 (2.6)	.02 (0.5)	.016 (0.4)	.024 (0.6)
2010	.197 (5.0)	.098 (2.5)	.02 (0.5)	.016 (0.4)	.024 (0.6)
2512	.248 (6.3)	.122 (3.1)	.02 (0.5)	.016 (0.4)	.024 (0.6)

SMD Resistors

KOA Speer

### TABLE OF STOCKED VALUES

Value (Ω)	Value Code *	Case Sizes						Value (Ω)	Value Code *	Case Sizes						Value (Ω)	Value Code *	Case Sizes										
		04	06	08	12	22	25			04	06	08	12	22	25			04	06	08	12	22	25	04	06	08	12	22
0.024	24LJ				X		0.27	R270F	X					0.866	R866F	X	X	X	X	X	X	3.16	3R16F	X	X	X	X	X
0.027	27LJ				X		0.274	R274F		X	X	X	X	0.887	R887F	X	X	X	X	X	X	3.24	3R24F		X	X	X	X
0.03	30LJ		X	X			0.28	R280F		X	X	X	X	0.909	R909F		X	X	X	X	X	3.3	3R30F	X		X	X	X
0.033	33LJ		X	X	X	X	0.287	R287F		X	X	X	X	0.91	R910F	X						3.32	3R32F		X	X	X	X
0.036	36LJ				X	X	0.294	R294F		X	X	X	X	0.931	R931F	X	X	X	X	X	X	3.4	3R40F	X	X	X	X	X
0.039	39LJ		X	X		X	0.3	R300F	X					0.953	R953F	X	X	X	X	X	X	3.48	3R48F	X	X	X	X	X
0.043	43LJ		X	X	X	X	0.301	R301F		X	X	X	X	0.976	R976F	X	X	X	X	X	X	3.57	3R57F	X	X	X	X	X
0.047	47LJ				X		0.309	R309F		X	X	X	X	1.0	1R00F	X	X	X	X	X	X	3.6	3R60F	X		X	X	X
0.051	51LJ		X	X			0.316	R316F		X	X	X	X	1.02	1R02F		X	X	X	X	X	3.65	3R65F		X	X	X	X
0.056	56LJ		X	X	X	X	0.324	R324F		X	X	X	X	1.05	1R05F		X	X	X	X	X	3.74	3R74F	X	X	X	X	X
0.062	62LJ		X	X	X		0.33	R330F	X					1.07	1R07F		X	X	X	X	X	3.83	3R83F	X	X	X	X	X
0.068	68LJ		X	X	X	X	0.332	R332F		X	X	X	X	1.1	1R10F	X		X	X	X	X	3.9	3R90F	X		X	X	X
0.075	75LJ		X	X	X	X	0.34	R340F		X	X	X	X	1.12	1R12F	X						3.92	3R92F		X	X	X	X
0.082	82LJ		X	X	X	X	0.348	R348F		X	X	X	X	1.13	1R13F		X	X	X	X	X	4.02	4R02F	X	X	X	X	X
0.091	91LJ		X	X	X	X	0.357	R357F		X	X	X	X	1.15	1R15F		X	X	X	X	X	4.12	4R12F	X	X	X	X	X
0.1	R100F	X	X	X	X	X	0.36	R360F	X					1.16	1R16F							4.22	4R22F	X	X	X	X	X
0.102	R102F	X	X	X	X	X	0.365	R365F		X	X	X	X	1.18	1R18F		X	X	X	X	X	4.3	4R30F	X		X	X	X
0.105	R105F	X	X	X	X	X	0.374	R374F		X	X	X	X	1.21	1R21F		X	X	X	X	X	4.32	4R32F		X	X	X	X
0.107	R107F	X	X	X	X	X	0.383	R383F		X	X	X	X	1.24	1R24F		X	X	X	X	X	4.42	4R42F	X	X	X	X	X
0.11	R110F	X			X	X	0.39	R390F	X					1.27	1R27F		X	X	X	X	X	4.53	4R53F	X	X	X	X	X
0.112	R112F	X			X	X	0.392	R392F		X	X	X	X	1.3	1R30F		X	X	X	X	X	4.64	4R64F	X	X	X	X	X
0.113	R113F	X	X	X	X	X	0.402	R402F		X	X	X	X	1.33	1R33F		X	X	X	X	X	4.7	4R70F	X		X	X	X
0.115	R115F	X	X	X	X	X	0.412	R412F		X	X	X	X	1.37	1R37F		X	X	X	X	X	4.75	4R75F		X	X	X	X
0.116	R116F	X			X	X	0.422	R422F		X	X	X	X	1.4	1R40F		X	X	X	X	X	4.87	4R87F	X	X	X	X	X
0.118	R118F	X	X	X	X	X	0.43	R430F	X					1.43	1R43F		X	X	X	X	X	4.99	4R99F	X	X	X	X	X
0.121	R121F	X	X	X	X	X	0.432	R432F		X	X	X	X	1.47	1R47F		X	X	X	X	X	5.1	5R10F	X		X	X	X
0.124	R124F	X	X	X	X	X	0.442	R442F		X	X	X	X	1.5	1R50F		X	X	X	X	X	5.11	5R11F		X	X	X	X
0.127	R127F	X	X	X	X	X	0.453	R453F		X	X	X	X	1.54	1R54F		X	X	X	X	X	5.23	5R23F	X	X	X	X	X
0.13	R130F	X	X	X	X	X	0.464	R464F		X	X	X	X	1.58	1R58F		X	X	X	X	X	5.36	5R36F	X	X	X	X	X
0.133	R133F	X	X	X	X	X	0.47	R470F	X					1.62	1R62F		X	X	X	X	X	5.49	5R49F	X	X	X	X	X
0.137	R137F	X	X	X	X	X	0.475	R475F		X	X	X	X	1.65	1R65F		X	X	X	X	X	5.6	5R60F	X		X	X	X
0.14	R140F	X	X	X	X	X	0.487	R487F		X	X	X	X	1.69	1R69F		X	X	X	X	X	5.62	5R62F		X	X	X	X
0.143	R143F	X	X	X	X	X	0.499	R499F		X	X	X	X	1.74	1R74F		X	X	X	X	X	5.76	5R76F	X	X	X	X	X
0.147	R147F	X	X	X	X	X	0.51	R510F	X					1.78	1R78F		X	X	X	X	X	5.9	5R90F	X	X	X	X	X
0.15	R150F	X	X	X	X	X	0.511	R511F		X	X	X	X	1.82	1R82F		X	X	X	X	X	6.04	6R04F	X	X	X	X	X
0.154	R154F	X	X	X	X	X	0.523	R523F		X	X	X	X	1.87	1R87F		X	X	X	X	X	6.19	6R19F	X	X	X	X	X
0.158	R158F	X	X	X	X	X	0.536	R536F		X	X	X	X	1.91	1R91F		X	X	X	X	X	6.2	6R20F	X		X	X	X
0.162	R162F	X	X	X	X	X	0.549	R549F		X	X	X	X	1.96	1R96F		X	X	X	X	X	6.34	6R34F	X	X	X	X	X
0.165	R165F	X	X	X	X	X	0.56	R560F	X					2.0	2R00F	X						6.49	6R49F	X	X	X	X	X
0.169	R169F	X	X	X	X	X	0.562	R562F		X	X	X	X	2.05	2R05F		X	X	X	X	X	6.65	6R65F	X	X	X	X	X
0.174	R174F	X	X	X	X	X	0.576	R576F		X	X	X	X	2.1	2R10F		X	X	X	X	X	6.8	6R80F	X		X	X	X
0.178	R178F	X	X	X	X	X	0.59	R590F		X	X	X	X	2.15	2R15F		X	X	X	X	X	6.81	6R81F		X	X	X	X
0.182	R182F	X	X	X	X	X	0.604	R604F		X	X	X	X	2.18	2R18F		X	X	X	X	X	6.98	6R98F	X	X	X	X	X
0.187	R187F	X	X	X	X	X	0.619	R619F		X	X	X	X	2.2	2R20F	X						7.15	7R15F	X	X	X	X	X
0.191	R191F	X	X	X	X	X	0.62	R620F	X					2.21	2R21F			X	X	X	X	7.32	7R32F	X	X	X	X	X
0.196	R196F	X	X	X	X	X	0.634	R634F		X	X	X	X	2.26	2R26F		X	X	X	X	X	7.5	7R50F	X	X	X	X	X
0.2	R200F	X	X	X	X	X	0.649	R649F		X	X	X	X	2.32	2R32F		X	X	X	X	X	7.68	7R68F	X	X	X	X	X
0.205	R205F	X	X	X	X	X	0.665	R665F		X	X	X	X	2.37	2R37F		X	X	X	X	X	7.87	7R87F					