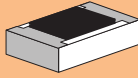


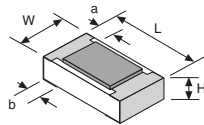
EUROHM type SMR Series

A series of surface mount, thick film resistors offering chip sizes from 0201 to 1206. Profiled in E24 selection with a choice of 1% or 5% resistance tolerance. Supplied taped and reeled.



- ◆ Meets JIS specification
- ◆ E24 range
- ◆ 1% or 5% tolerance
- ◆ Zero-ohm available
- ◆ Nickel barrier terminations
- ◆ Suitable for wave & reflow soldering
- ◆ **Very competitively priced**
- ◆ Supplied taped & reeled

Dimensions (mm)



Chip Size	L	W	H	a	b
0201	0.6	0.3	0.23	0.15	0.15
0402	1.0	0.5	0.3	0.2	0.25
0603	1.55	0.8	0.45	0.3	0.3
0805	2.0	1.25	0.5	0.35	0.35
1206	3.05	1.55	0.55	0.45	0.35

Chip Size	0201	0402	0603	0805	1206
Specification <small>Meets JIS-C-5202</small>	SMR0201	SMR0402	SMR0603	SMR0805	SMR1206
Power rating	0.05 Watt at 70°C derate to zero at 125°C	0.063 Watt at 70°C derate to zero at 155°C	0.1 Watt at 70°C derate to zero at 155°C	0.125 Watt at 70°C derate to zero at 155°C	0.25 Watt at 70°C derate to zero at 155°C
Resistance tolerance	±1% or 5%	±1% or 5%	±1% or 5%	±1% or 5%	±1% or 5%
Temperature coefficient	1 & 5% 1R ~ 10R 400ppm 11R ~ 10M 200ppm	1 & 5% 1R ~ 10R 400ppm 11R ~ 100R 200ppm >100R 100ppm	1 & 5% 1R ~ 10R 400ppm 11R ~ 100R 200ppm >100R 100ppm	1 & 5% 1R ~ 10R 400ppm 11R ~ 100R 200ppm >100R 100ppm	1 & 5% 1R ~ 10R 400ppm 11R ~ 100R 200ppm >100R 100ppm
Operating temperature range	-55°C to +125°C	-55°C to +155°C	-55°C to +155°C	-55°C to +155°C	-55°C to +155°C
Max working voltage	25V*	50V*	50V*	150V*	200V*
* Resistance values above 2M2 may require voltage derating to meet specified tolerance. Please contact our technical team for more information.					
Zero-Ohm Jumper Links					
Resistance	<50mΩ	<50mΩ	<50mΩ	<50mΩ	<50mΩ
Current rating	0.5A	1A	1A	2A	2A

Marking and Packaging

Marking	None	None	1% : 3 digit resistance code* 5% : 3 digit resistance code Zero-ohm : Single zero	1% : 4 digit resistance code 5% : 3 digit resistance code Zero-ohm : 3 zeros	1% : 4 digit resistance code 5% : 3 digit resistance code Zero-ohm : 3 zeros
Tape	8mm wide, 2mm pitch	8mm wide, 2mm pitch	8mm wide, 2mm pitch	8mm wide, 2mm pitch	8mm wide, 2mm pitch
Reel	178mm dia.	178mm dia.	178mm dia.	178mm dia.	178mm dia.
Quantity	10K	10K	5K	5K	5K

* except values 10,11,13,15, 20 & 75 (and their multiples) which have a 2 digit code + multiplier letter.

Popular values of 0805 and 1206 chip sizes are also stocked in larger reel sizes
i.e. 10" (254mm) with 10K pieces and 13" (330mm) with 20K pieces.
Please contact our Sales Desk for details.

1% ORDER CODES

Value (Ω)	0201	0402	0603	0805	1206	Value (Ω)	0201	0402	0603	0805	1206
0R0	RS000	RN000	RY000	RW000	RC000	3K3	RE332	RD332	RB332	RK332	RM332
1R0	RE109	RD109	RB109	RK109	RM109	3K6	RE362	RD362	RB362	RK362	RM362
1R1	RE119	RD119	RB119	RK119	RM119	3K9	RE392	RD392	RB392	RK392	RM392
1R2	RE129	RD129	RB129	RK129	RM129	4K3	RE432	RD432	RB432	RK432	RM432
1R3	RE139	RD139	RB139	RK139	RM139	4K7	RE472	RD472	RB472	RK472	RM472
1R5	RE159	RD159	RB159	RK159	RM159	5K1	RE512	RD512	RB512	RK512	RM512
1R6	RE169	RD169	RB169	RK169	RM169	5K6	RE562	RD562	RB562	RK562	RM562
1R8	RE189	RD189	RB189	RK189	RM189	6K2	RE622	RD622	RB622	RK622	RM622
2R0	RE209	RD209	RB209	RK209	RM209	6K8	RE682	RD682	RB682	RK682	RM682
2R2	RE229	RD229	RB229	RK229	RM229	7K5	RE752	RD752	RB752	RK752	RM752
2R4	RE249	RD249	RB249	RK249	RM249	8K2	RE822	RD822	RB822	RK822	RM822
2R7	RE279	RD279	RB279	RK279	RM279	9K1	RE912	RD912	RB912	RK912	RM912
3R0	RE309	RD309	RB309	RK309	RM309	10K	RE103	RD103	RB103	RK103	RM103
3R3	RE339	RD339	RB339	RK339	RM339	11K	RE113	RD113	RB113	RK113	RM113
3R6	RE369	RD369	RB369	RK369	RM369	12K	RE123	RD123	RB123	RK123	RM123
3R9	RE399	RD399	RB399	RK399	RM399	13K	RE133	RD133	RB133	RK133	RM133
4R3	RE439	RD439	RB439	RK439	RM439	15K	RE153	RD153	RB153	RK153	RM153
4R7	RE479	RD479	RB479	RK479	RM479	16K	RE163	RD163	RB163	RK163	RM163
5R1	RE519	RD519	RB519	RK519	RM519	18K	RE183	RD183	RB183	RK183	RM183
5R6	RE569	RD569	RB569	RK569	RM569	20K	RE203	RD203	RB203	RK203	RM203
6R2	RE629	RD629	RB629	RK629	RM629	22K	RE223	RD223	RB223	RK223	RM223
6R8	RE689	RD689	RB689	RK689	RM689	24K	RE243	RD243	RB243	RK243	RM243
7R5	RE759	RD759	RB759	RK759	RM759	27K	RE273	RD273	RB273	RK273	RM273
8R2	RE829	RD829	RB829	RK829	RM829	30K	RE303	RD303	RB303	RK303	RM303
9R1	RE919	RD919	RB919	RK919	RM919	33K	RE333	RD333	RB333	RK333	RM333
10R	RE100	RD100	RB100	RK100	RM100	36K	RE363	RD363	RB363	RK363	RM363
11R	RE110	RD110	RB110	RK110	RM110	39K	RE393	RD393	RB393	RK393	RM393
12R	RE120	RD120	RB120	RK120	RM120	43K	RE433	RD433	RB433	RK433	RM433
13R	RE130	RD130	RB130	RK130	RM130	47K	RE473	RD473	RB473	RK473	RM473
15R	RE150	RD150	RB150	RK150	RM150	51K	RE513	RD513	RB513	RK513	RM513
16R	RE160	RD160	RB160	RK160	RM160	56K	RE563	RD563	RB563	RK563	RM563
18R	RE180	RD180	RB180	RK180	RM180	62K	RE623	RD623	RB623	RK623	RM623
20R	RE200	RD200	RB200	RK200	RM200	68K	RE683	RD683	RB683	RK683	RM683
22R	RE220	RD220	RB220	RK220	RM220	75K	RE753	RD753	RB753	RK753	RM753
24R	RE240	RD240	RB240	RK240	RM240	82K	RE823	RD823	RB823	RK823	RM823
27R	RE270	RD270	RB270	RK270	RM270	91K	RE913	RD913	RB913	RK913	RM913
30R	RE300	RD300	RB300	RK300	RM300	100K	RE104	RD104	RB104	RK104	RM104
33R	RE330	RD330	RB330	RK330	RM330	110K	RE114	RD114	RB114	RK114	RM114
36R	RE360	RD360	RB360	RK360	RM360	120K	RE124	RD124	RB124	RK124	RM124
39R	RE390	RD390	RB390	RK390	RM390	130K	RE134	RD134	RB134	RK134	RM134
43R	RE430	RD430	RB430	RK430	RM430	150K	RE154	RD154	RB154	RK154	RM154
47R	RE470	RD470	RB470	RK470	RM470	160K	RE164	RD164	RB164	RK164	RM164
51R	RE510	RD510	RB510	RK510	RM510	180K	RE184	RD184	RB184	RK184	RM184
56R	RE560	RD560	RB560	RK560	RM560	200K	RE204	RD204	RB204	RK204	RM204
62R	RE620	RD620	RB620	RK620	RM620	220K	RE224	RD224	RB224	RK224	RM224
68R	RE680	RD680	RB680	RK680	RM680	240K	RE244	RD244	RB244	RK244	RM244
75R	RE750	RD750	RB750	RK750	RM750	270K	RE274	RD274	RB274	RK274	RM274
82R	RE820	RD820	RB820	RK820	RM820	300K	RE304	RD304	RB304	RK304	RM304
91R	RE910	RD910	RB910	RK910	RM910	330K	RE334	RD334	RB334	RK334	RM334
100R	RE101	RD101	RB101	RK101	RM101	360K	RE364	RD364	RB364	RK364	RM364
110R	RE111	RD111	RB111	RK111	RM111	390K	RE394	RD394	RB394	RK394	RM394
120R	RE121	RD121	RB121	RK121	RM121	430K	RE434	RD434	RB434	RK434	RM434
130R	RE131	RD131	RB131	RK131	RM131	470K	RE474	RD474	RB474	RK474	RM474
150R	RE151	RD151	RB151	RK151	RM151	510K	RE514	RD514	RB514	RK514	RM514
160R	RE161	RD161	RB161	RK161	RM161	560K	RE564	RD564	RB564	RK564	RM564
180R	RE181	RD181	RB181	RK181	RM181	620K	RE624	RD624	RB624	RK624	RM624
200R	RE201	RD201	RB201	RK201	RM201	680K	RE684	RD684	RB684	RK684	RM684
220R	RE221	RD221	RB221	RK221	RM221	750K	RE754	RD754	RB754	RK754	RM754
240R	RE241	RD241	RB241	RK241	RM241	820K	RE824	RD824	RB824	RK824	RM824
270R	RE271	RD271	RB271	RK271	RM271	910K	RE914	RD914	RB914	RK914	RM914
300R	RE301	RD301	RB301	RK301	RM301	1M0	RE105	RD105	RB105	RK105	RM105
330R	RE331	RD331	RB331	RK331	RM331	1M1	RE115	-	RB115	RK115	RM115
360R	RE361	RD361	RB361	RK361	RM361	1M2	RE125	-	RB125	RK125	RM125
390R	RE391	RD391	RB391	RK391	RM391	1M3	RE135	-	RB135	RK135	RM135
430R	RE431	RD431	RB431	RK431	RM431	1M5	RE155	-	RB155	RK155	RM155
470R	RE471	RD471	RB471	RK471	RM471	1M6	RE165	-	RB165	RK165	RM165
510R	RE511	RD511	RB511	RK511	RM511	1M8	RE185	-	RB185	RK185	RM185
560R	RE561	RD561	RB561	RK561	RM561	2M0	RE205	-	RB205	RK205	RM205
620R	RE621	RD621	RB621	RK621	RM621	2M2	RE225	-	RB225	RK225	RM225
680R	RE681	RD681	RB681	RK681	RM681	2M4	RE245	-	RB245	RK245	RM245
750R	RE751	RD751	RB751	RK751	RM751	2M7	RE275	-	RB275	RK275	RM275
820R	RE821	RD821	RB821	RK821	RM821	3M0	RE305	-	RB305	RK305	RM305
910R	RE911	RD911	RB911	RK911	RM911	3M3	RE335	-	RB335	RK335	RM335
1K0	RE102	RD102	RB102	RK102	RM102	3M6	RE365	-	RB365	RK365	RM365
1K1	RE112	RD112	RB112	RK112	RM112	3M9	RE395	-	RB395	RK395	RM395
1K2	RE122	RD122	RB122	RK122	RM122	4M3	RE435	-	RB435	RK435	RM435
1K3	RE132	RD132	RB132	RK132	RM132	4M7	RE475	-	RB475	RK475	RM475
1K5	RE152	RD152	RB152	RK152	RM152	5M1	RE515	-	RB515	RK515	RM515
1K6	RE162	RD162	RB162	RK162	RM162	5M6	RE565	-	RB565	RK565	RM565
1K8	RE182	RD182	RB182	RK182	RM182	6M2	RE625	-	RB625	RK625	RM625
2K0	RE202	RD202	RB202	RK202	RM202	6M8	RE685	-	RB685	RK685	RM685
2K2	RE222	RD222	RB222	RK222	RM222	7M5	RE755	-	RB755	RK755	RM755
2K4	RE242	RD242	RB242	RK242	RM242	8M2	RE825	-	RB825	RK825	RM825
2K7	RE272	RD272	RB272	RK272	RM272	9M1	RE915	-	RB915	RK915	RM915
3K0	RE302	RD302	RB302	RK302	RM302	10M	RE106	-	RB106	RK106	RM106

5%
>>

5% ORDER CODES

Value (Ω)	0201	0402	0603	0805	1206	Value (Ω)	0201	0402	0603	0805	1206
0R0	RS000	RN000	RY000	RW000	RC000	3K3	RS332	RN332	RY332	RW332	RC332
1R0	RS109	RN109	RY109	RW109	RC109	3K6	RS362	RN362	RY362	RW362	RC362
1R1	RS119	RN119	RY119	RW119	RC119	3K9	RS392	RN392	RY392	RW392	RC392
1R2	RS129	RN129	RY129	RW129	RC129	4K3	RS432	RN432	RY432	RW432	RC432
1R3	RS139	RN139	RY139	RW139	RC139	4K7	RS472	RN472	RY472	RW472	RC472
1R5	RS159	RN159	RY159	RW159	RC159	5K1	RS512	RN512	RY512	RW512	RC512
1R6	RS169	RN169	RY169	RW169	RC169	5K6	RS562	RN562	RY562	RW562	RC562
1R8	RS189	RN189	RY189	RW189	RC189	6K2	RS622	RN622	RY622	RW622	RC622
2R0	RS209	RN209	RY209	RW209	RC209	6K8	RS682	RN682	RY682	RW682	RC682
2R2	RS229	RN229	RY229	RW229	RC229	7K5	RS752	RN752	RY752	RW752	RC752
2R4	RS249	RN249	RY249	RW249	RC249	8K2	RS822	RN822	RY822	RW822	RC822
2R7	RS279	RN279	RY279	RW279	RC279	9K1	RS912	RN912	RY912	RW912	RC912
3R0	RS309	RN309	RY309	RW309	RC309	10K	RS103	RN103	RY103	RW103	RC103
3R3	RS339	RN339	RY339	RW339	RC339	11K	RS113	RN113	RY113	RW113	RC113
3R6	RS369	RN369	RY369	RW369	RC369	12K	RS123	RN123	RY123	RW123	RC123
3R9	RS399	RN399	RY399	RW399	RC399	13K	RS133	RN133	RY133	RW133	RC133
4R3	RS439	RN439	RY439	RW439	RC439	15K	RS153	RN153	RY153	RW153	RC153
4R7	RS479	RN479	RY479	RW479	RC479	16K	RS163	RN163	RY163	RW163	RC163
5R1	RS519	RN519	RY519	RW519	RC519	18K	RS183	RN183	RY183	RW183	RC183
5R6	RS569	RN569	RY569	RW569	RC569	20K	RS203	RN203	RY203	RW203	RC203
6R2	RS629	RN629	RY629	RW629	RC629	22K	RS223	RN223	RY223	RW223	RC223
6R8	RS689	RN689	RY689	RW689	RC689	24K	RS243	RN243	RY243	RW243	RC243
7R5	RS759	RN759	RY759	RW759	RC759	27K	RS273	RN273	RY273	RW273	RC273
8R2	RS829	RN829	RY829	RW829	RC829	30K	RS303	RN303	RY303	RW303	RC303
9R1	RS919	RN919	RY919	RW919	RC919	33K	RS333	RN333	RY333	RW333	RC333
10R	RS100	RN100	RY100	RW100	RC100	36K	RS363	RN363	RY363	RW363	RC363
11R	RS110	RN110	RY110	RW110	RC110	39K	RS393	RN393	RY393	RW393	RC393
12R	RS120	RN120	RY120	RW120	RC120	43K	RS433	RN433	RY433	RW433	RC433
13R	RS130	RN130	RY130	RW130	RC130	47K	RS473	RN473	RY473	RW473	RC473
15R	RS150	RN150	RY150	RW150	RC150	51K	RS513	RN513	RY513	RW513	RC513
16R	RS160	RN160	RY160	RW160	RC160	56K	RS563	RN563	RY563	RW563	RC563
18R	RS180	RN180	RY180	RW180	RC180	62K	RS623	RN623	RY623	RW623	RC623
20R	RS200	RN200	RY200	RW200	RC200	68K	RS683	RN683	RY683	RW683	RC683
22R	RS220	RN220	RY220	RW220	RC220	75K	RS753	RN753	RY753	RW753	RC753
24R	RS240	RN240	RY240	RW240	RC240	82K	RS823	RN823	RY823	RW823	RC823
27R	RS270	RN270	RY270	RW270	RC270	91K	RS913	RN913	RY913	RW913	RC913
30R	RS300	RN300	RY300	RW300	RC300	100K	RS104	RN104	RY104	RW104	RC104
33R	RS330	RN330	RY330	RW330	RC330	110K	RS114	RN114	RY114	RW114	RC114
36R	RS360	RN360	RY360	RW360	RC360	120K	RS124	RN124	RY124	RW124	RC124
39R	RS390	RN390	RY390	RW390	RC390	130K	RS134	RN134	RY134	RW134	RC134
43R	RS430	RN430	RY430	RW430	RC430	150K	RS154	RN154	RY154	RW154	RC154
47R	RS470	RN470	RY470	RW470	RC470	160K	RS164	RN164	RY164	RW164	RC164
51R	RS510	RN510	RY510	RW510	RC510	180K	RS184	RN184	RY184	RW184	RC184
56R	RS560	RN560	RY560	RW560	RC560	200K	RS204	RN204	RY204	RW204	RC204
62R	RS620	RN620	RY620	RW620	RC620	220K	RS224	RN224	RY224	RW224	RC224
68R	RS680	RN680	RY680	RW680	RC680	240K	RS244	RN244	RY244	RW244	RC244
75R	RS750	RN750	RY750	RW750	RC750	270K	RS274	RN274	RY274	RW274	RC274
82R	RS820	RN820	RY820	RW820	RC820	300K	RS304	RN304	RY304	RW304	RC304
91R	RS910	RN910	RY910	RW910	RC910	330K	RS334	RN334	RY334	RW334	RC334
100R	RS101	RN101	RY101	RW101	RC101	360K	RS364	RN364	RY364	RW364	RC364
110R	RS111	RN111	RY111	RW111	RC111	390K	RS394	RN394	RY394	RW394	RC394
120R	RS121	RN121	RY121	RW121	RC121	430K	RS434	RN434	RY434	RW434	RC434
130R	RS131	RN131	RY131	RW131	RC131	470K	RS474	RN474	RY474	RW474	RC474
150R	RS151	RN151	RY151	RW151	RC151	510K	RS514	RN514	RY514	RW514	RC514
160R	RS161	RN161	RY161	RW161	RC161	560K	RS564	RN564	RY564	RW564	RC564
180R	RS181	RN181	RY181	RW181	RC181	620K	RS624	RN624	RY624	RW624	RC624
200R	RS201	RN201	RY201	RW201	RC201	680K	RS684	RN684	RY684	RW684	RC684
220R	RS221	RN221	RY221	RW221	RC221	750K	RS754	RN754	RY754	RW754	RC754
240R	RS241	RN241	RY241	RW241	RC241	820K	RS824	RN824	RY824	RW824	RC824
270R	RS271	RN271	RY271	RW271	RC271	910K	RS914	RN914	RY914	RW914	RC914
300R	RS301	RN301	RY301	RW301	RC301	1M0	RS105	RN105	RY105	RW105	RC105
330R	RS331	RN331	RY331	RW331	RC331	1M1	RS115	RN115	RY115	RW115	RC115
360R	RS361	RN361	RY361	RW361	RC361	1M2	RS125	RN125	RY125	RW125	RC125
390R	RS391	RN391	RY391	RW391	RC391	1M3	RS135	RN135	RY135	RW135	RC135
430R	RS431	RN431	RY431	RW431	RC431	1M5	RS155	RN155	RY155	RW155	RC155
470R	RS471	RN471	RY471	RW471	RC471	1M6	RS165	RN165	RY165	RW165	RC165
510R	RS511	RN511	RY511	RW511	RC511	1M8	RS185	RN185	RY185	RW185	RC185
560R	RS561	RN561	RY561	RW561	RC561	2M0	RS205	RN205	RY205	RW205	RC205
620R	RS621	RN621	RY621	RW621	RC621	2M2	RS225	RN225	RY225	RW225	RC225
680R	RS681	RN681	RY681	RW681	RC681	2M4	RS245	RN245	RY245	RW245	RC245
750R	RS751	RN751	RY751	RW751	RC751	2M7	RS275	RN275	RY275	RW275	RC275
820R	RS821	RN821	RY821	RW821	RC821	3M0	RS305	RN305	RY305	RW305	RC305
910R	RS911	RN911	RY911	RW911	RC911	3M3	RS335	RN335	RY335	RW335	RC335
1K0	RS102	RN102	RY102	RW102	RC102	3M6	RS365	RN365	RY365	RW365	RC365
1K1	RS112	RN112	RY112	RW112	RC112	3M9	RS395	RN395	RY395	RW395	RC395
1K2	RS122	RN122	RY122	RW122	RC122	4M3	RS435	RN435	RY435	RW435	RC435
1K3	RS132	RN132	RY132	RW132	RC132	4M7	RS475	RN475	RY475	RW475	RC475
1K5	RS152	RN152	RY152	RW152	RC152	5M1	RS515	RN515	RY515	RW515	RC515
1K6	RS162	RN162	RY162	RW162	RC162	5M6	RS565	RN565	RY565	RW565	RC565
1K8	RS182	RN182	RY182	RW182	RC182	6M2	RS625	RN625	RY625	RW625	RC625
2K0	RS202	RN202	RY202	RW202	RC202	6M8	RS685	RN685	RY685	RW685	RC685
2K2	RS222	RN222	RY222	RW222	RC222	7M5	RS755	RN755	RY755	RW755	RC755
2K4	RS242	RN242	RY242	RW242	RC242	8M2	RS825	RN825	RY825	RW825	RC825
2K7	RS272	RN272	RY272	RW272	RC272	9M1	RS915	RN915	RY915	RW915	RC915
3K0	RS302	RN302	RY302	RW302	RC302	10M	RS106	RN106	RY106	RW106	RC106