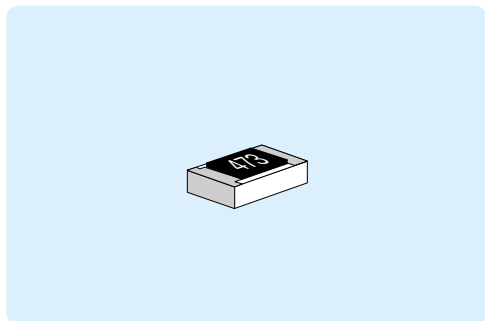


EUROHM type SMR0603



A range of 0603 size, surface mount, thick film resistors from **EUROHM** profiled in E24 selection with a choice of 5% or 1% resistance tolerance. Supplied taped and reeled.



- ◆ Industry standard chip size **0603**
- ◆ High performance & reliability
- ◆ Meets JIS specification
- ◆ **E24** range from **1R** to **10M**
- ◆ **5%** or **1%** tolerance
- ◆ **Zero-ohm** available
- ◆ Nickel barrier terminations
- ◆ Suitable for wave & reflow soldering
- ◆ **Very competitively priced**
- ◆ Supplied taped & reeled

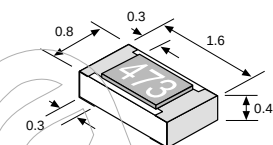
Specification

Meets JIS-C-5202

Power rating	0.1 Watt at 70°C derate to zero at 125°C
Resistance tolerance	±5% or ±1%
Temperature coefficient	±5% : ±200ppm/°C (±400ppm/°C values 1R0 to 10R) ±1% : ±100ppm/°C (±200ppm/°C values 1R0 to 100R)
Operating temperature range	-55°C to +125°C
Max working voltage	50V*

*Resistance values above 2M2 may require voltage derating to meet specified tolerance. Please contact our technical team for more information.

Dimensions (mm)



Marking

±5% : 3 digit resistance code e.g. 473 = 47K.
±1% : 3 digit resistance code underlined e.g. 473 = 47K, or
2 digit resistance code + single multiplier letter e.g. 01C = 10K.
For further information please contact our Sales Desk.
Zero-ohm jumper link has a single zero.

Packaging

TAPE : 8mm wide, 4mm pitch

REEL : 178mm dia.

'ZERO-OHM' JUMPER CHIPS
0402, 0603, 0805, 1206
Further details on page 580

EUROHM

For the very latest information and news on the full range of EUROHM products available from Anglia, visit our website :

www.anglia.com/eurohm

Alternatively, contact our Sales Desk to discuss your specific requirements.

CROSS REFERENCE CHART

To maintain simplicity only range prefixes are shown.
Check resistance tolerance to ensure compatibility of our product.

	Metric Chip Size	PANASONIC	PHYCOMP (Philips)	ROHM	SAMSUNG	TYCO	WELWYN	YAGEO
0603	1608	ERJ3	RC21/22	MCR03	RC1608	CR1J	WCR0603	RC0603

EUROHM type SMR0603

0.1 Watt

0603

Actual size

5% Tolerance

Value Ω	anglia Order Code	Value Ω	anglia Order Code	Value Ω	anglia Order Code
0R0	RY000	1K0	RY102	1M0	RY105
1R0	RY109	1K1	RY112	1M1	RY115
1R1	RY119	1K2	RY122	1M2	RY125
1R2	RY129	1K3	RY132	1M3	RY135
1R3	RY139	1K5	RY152	1M5	RY155
1R5	RY159	1K6	RY162	1M6	RY165
1R6	RY169	1K8	RY182	1M8	RY185
1R8	RY189	2K0	RY202	2M0	RY205
2R0	RY209	2K2	RY222	2M2	RY225
2R2	RY229	2K4	RY242	2M4	RY245
2R4	RY249	2K7	RY272	2M7	RY275
2R7	RY279	3K0	RY302	3M0	RY305
3R0	RY309	3K3	RY332	3M3	RY335
3R3	RY339	3K6	RY362	3M6	RY365
3R6	RY369	3K9	RY392	3M9	RY395
3R9	RY399	4K3	RY432	4M3	RY435
4R3	RY439	4K7	RY472	4M7	RY475
4R7	RY479	5K1	RY512	5M1	RY515
5R1	RY519	5K6	RY562	5M6	RY565
5R6	RY569	6K2	RY622	6M2	RY625
6R2	RY629	6K8	RY682	6M8	RY685
6R8	RY689	7K5	RY752	7M5	RY755
7R5	RY759	8K2	RY822	8M2	RY825
8R2	RY829	9K1	RY912	9M1	RY915
9R1	RY919	10K	RY103	10M	RY106
		11K	RY113		
10R	RY100	12K	RY123		
11R	RY110	13K	RY133		
12R	RY120	15K	RY153		
13R	RY130	16K	RY163		
15R	RY150	18K	RY183		
16R	RY160	20K	RY203		
18R	RY180	22K	RY223		
20R	RY200	24K	RY243		
22R	RY220	27K	RY273		
24R	RY240	30K	RY303		
27R	RY270	33K	RY333		
30R	RY300	36K	RY363		
33R	RY330	39K	RY393		
36R	RY360	43K	RY433		
39R	RY390	47K	RY473		
43R	RY430	51K	RY513		
47R	RY470	56K	RY563		
51R	RY510	62K	RY623		
56R	RY560	68K	RY683		
62R	RY620	75K	RY753		
68R	RY680	82K	RY823		
75R	RY750	91K	RY913		
82R	RY820	100K	RY104		
91R	RY910	110K	RY114		
100R	RY101	120K	RY124		
110R	RY111	130K	RY134		
120R	RY121	150K	RY154		
130R	RY131	160K	RY164		
150R	RY151	180K	RY184		
160R	RY161	200K	RY204		
180R	RY181	220K	RY224		
200R	RY201	240K	RY244		
220R	RY221	270K	RY274		
240R	RY241	300K	RY304		
270R	RY271	330K	RY334		
300R	RY301	360K	RY364		
330R	RY331	390K	RY394		
360R	RY361	430K	RY434		
390R	RY391	470K	RY474		
430R	RY431	510K	RY514		
470R	RY471	560K	RY564		
510R	RY511	620K	RY624		
560R	RY561	680K	RY684		
620R	RY621	750K	RY754		
680R	RY681	820K	RY824		
750R	RY751	910K	RY914		
820R	RY821				
910R	RY911				

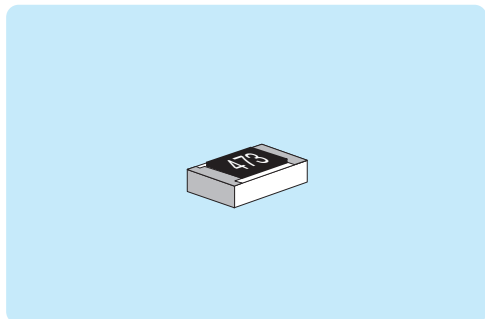
1% Tolerance

Value Ω	anglia Order Code	Value Ω	anglia Order Code	Value Ω	anglia Order Code
0R0	RY000	1K0	RB102	1M0	RB105
1R0	RB109	1K1	RB112	1M1	RB115
1R1	RB119	1K2	RB122	1M2	RB125
1R2	RB129	1K3	RB132	1M3	RB135
1R3	RB139	1K5	RB152	1M5	RB155
1R5	RB159	1K6	RB162	1M6	RB165
1R6	RB169	1K8	RB182	1M8	RB185
1R8	RB189	2K0	RB202	2M0	RB205
2R0	RB209	2K2	RB222	2M2	RB225
2R2	RB229	2K4	RB242	2M4	RB245
2R4	RB249	2K7	RB272	2M7	RB275
2R7	RB279	3K0	RB302	3M0	RB305
3R0	RB309	3K3	RB332	3M3	RB335
3R3	RB339	3K6	RB362	3M6	RB365
3R6	RB369	3K9	RB392	3M9	RB395
3R9	RB399	4K3	RB432	4M3	RB435
4R3	RB439	4K7	RB472	4M7	RB475
4R7	RB479	5K1	RB512	5M1	RB515
5R1	RB519	5K6	RB562	5M6	RB565
5R6	RB569	6K2	RB622	6M2	RB625
6R2	RB629	6K8	RB682	6M8	RB685
6R8	RB689	7K5	RB752	7M5	RB755
7R5	RB759	8K2	RB822	8M2	RB825
8R2	RB829	9K1	RB912	9M1	RB915
9R1	RB919	10K	RB103	10M	RB106
		11K	RB113		
10R	RB100	12K	RB123		
11R	RB110	13K	RB133		
12R	RB120	15K	RB153		
13R	RB130	16K	RB163		
15R	RB150	18K	RB183		
16R	RB160	20K	RB203		
18R	RB180	22K	RB223		
20R	RB200	24K	RB243		
22R	RB220	27K	RB273		
24R	RB240	30K	RB303		
27R	RB270	33K	RB333		
30R	RB300	36K	RB363		
33R	RB330	39K	RB393		
36R	RB360	43K	RB433		
39R	RB390	47K	RB473		
43R	RB430	51K	RB513		
47R	RB470	56K	RB563		
51R	RB510	62K	RB623		
56R	RB560	68K	RB683		
62R	RB620	75K	RB753		
68R	RB680	82K	RB823		
75R	RB750	91K	RB913		
82R	RB820	100K	RB104		
91R	RB910	110K	RB114		
100R	RB101	120K	RB124		
110R	RB111	130K	RB134		
120R	RB121	150K	RB154		
130R	RB131	160K	RB164		
150R	RB151	180K	RB184		
160R	RB161	200K	RB204		
180R	RB181	220K	RB224		
200R	RB201	240K	RB244		
220R	RB221	270K	RB274		
240R	RB241	300K	RB304		
270R	RB271	330K	RB334		
300R	RB301	360K	RB364		
330R	RB331	390K	RB394		
360R	RB361	430K	RB434		
390R	RB391	470K	RB474		
430R	RB431	510K	RB514		
470R	RB471	560K	RB564		
510R	RB511	620K	RB624		
560R	RB561	680K	RB684		
620R	RB621	750K	RB754		
680R	RB681	820K	RB824		
750R	RB751	910K	RB914		
820R	RB821				
910R	RB911				

ROHM type MCR03



A range of 0603 size, surface mount, thick film resistors from ROHM profiled in E24 selection with a choice of 5% or 1% resistance tolerance. Supplied taped and reeled.



- ◆ Industry standard chip size **0603**
- ◆ High performance & reliability
- ◆ Meets JIS specification
- ◆ **E24** range
- ◆ **5% or 1%** tolerance
- ◆ **Zero-ohm** available
- ◆ Nickel barrier terminations
- ◆ Suitable for wave & reflow soldering
- ◆ Supplied taped & reeled

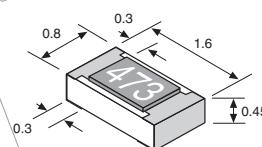


Specification

Meets JIS-C-5201-1

Power rating	0.1 Watt at 70°C
	derate to zero at 155°C
Resistance tolerance	±5% or ±1%
Temperature coefficient	±5% : ±200ppm/°C
	(500 ±350ppm/°C values 1R0 to 2R0)
	(±500ppm/°C values 2R2 to 9R1)
	±1% : ±100ppm/°C
Operating temperature range	-55°C to +155°C
Max working voltage	50V

Dimensions (mm)



Marking

3 digit resistance code e.g. 473 = 47K, except values below 10R which are 2 digit + R for decimal place e.g. 4R7.
Zero-ohm jumper has a single zero.

Packaging

TAPE : 8mm wide, 4mm pitch

REEL : 178mm dia.

'ZERO-OHM' JUMPER CHIPS

0402, 0603, 0805, 1206

Further details on page 581



For the very latest information and news on the full range of ROHM products available from Anglia, which includes a wide range of semiconductor products

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- ◆ Memory & Multimedia IC's
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visit our website :

www.anglia.com/rohm

Alternatively, contact our Sales Desk to discuss your specific requirements.

ROHM type MCR03

0.1 Watt

0603

Actual size

5% Tolerance

Value Ω	Manf. Part No. & anglia Order Code	Value Ω	Manf. Part No. & anglia Order Code	Value Ω	Manf. Part No. & anglia Order Code
0R0	MCR03EZJH000	1K0	MCR03EZJH102	1M0	MCR03EZJH105
1R0	MCR03EZJH1R0	1K1	MCR03EZJH112	1M1	MCR03EZJH115
1R1	MCR03EZJH1R1	1K2	MCR03EZJH122	1M2	MCR03EZJH125
1R2	MCR03EZJH1R2	1K3	MCR03EZJH132	1M3	MCR03EZJH135
1R3	MCR03EZJH1R3	1K5	MCR03EZJH152	1M5	MCR03EZJH155
1R5	MCR03EZJH1R5	1K6	MCR03EZJH162	1M6	MCR03EZJH165
1R6	MCR03EZJH1R6	1K8	MCR03EZJH182	1M8	MCR03EZJH185
1R8	MCR03EZJH1R8	2K0	MCR03EZJH202	2M0	MCR03EZJH205
2R0	MCR03EZJH2R0	2K2	MCR03EZJH222	2M2	MCR03EZJH225
2R2	MCR03EZJH2R2	2K4	MCR03EZJH242	2M4	MCR03EZJH245
2R4	MCR03EZJH2R4	2K7	MCR03EZJH272	2M7	MCR03EZJH275
2R7	MCR03EZJH2R7	3K0	MCR03EZJH302	3M0	MCR03EZJH305
3R0	MCR03EZJH3R0	3K3	MCR03EZJH332	3M3	MCR03EZJH335
3R3	MCR03EZJH3R3	3K6	MCR03EZJH362	3M6	MCR03EZJH365
3R6	MCR03EZJH3R6	3K9	MCR03EZJH392	3M9	MCR03EZJH395
3R9	MCR03EZJH3R9	4K3	MCR03EZJH432	4M3	MCR03EZJH435
4R3	MCR03EZJH4R3	4K7	MCR03EZJH472	4M7	MCR03EZJH475
4R7	MCR03EZJH4R7	5K1	MCR03EZJH512	5M1	MCR03EZJH515
5R1	MCR03EZJH5R1	5K6	MCR03EZJH562	5M6	MCR03EZJH565
5R6	MCR03EZJH5R6	6K2	MCR03EZJH622	6M2	MCR03EZJH625
6R2	MCR03EZJH6R2	6K8	MCR03EZJH682	6M8	MCR03EZJH685
6R8	MCR03EZJH6R8	7K5	MCR03EZJH752	7M5	MCR03EZJH755
7R5	MCR03EZJH7R5	8K2	MCR03EZJH822	8M2	MCR03EZJH825
8R2	MCR03EZJH8R2	9K1	MCR03EZJH912	9M1	MCR03EZJH915
9R1	MCR03EZJH9R1	10K	MCR03EZJH103	10M	MCR03EZJH106
10R	MCR03EZJH100	11K	MCR03EZJH113		
11R	MCR03EZJH110	12K	MCR03EZJH123		
12R	MCR03EZJH120	13K	MCR03EZJH133		
13R	MCR03EZJH130	15K	MCR03EZJH153		
15R	MCR03EZJH150	16K	MCR03EZJH163		
16R	MCR03EZJH160	18K	MCR03EZJH183		
18R	MCR03EZJH180	20K	MCR03EZJH203		
20R	MCR03EZJH200	22K	MCR03EZJH223		
22R	MCR03EZJH220	24K	MCR03EZJH243		
24R	MCR03EZJH240	27K	MCR03EZJH273		
27R	MCR03EZJH270	30K	MCR03EZJH303		
30R	MCR03EZJH300	33K	MCR03EZJH333		
33R	MCR03EZJH330	36K	MCR03EZJH363		
36R	MCR03EZJH360	39K	MCR03EZJH393		
39R	MCR03EZJH390	43K	MCR03EZJH433		
43R	MCR03EZJH430	47K	MCR03EZJH473		
47R	MCR03EZJH470	51K	MCR03EZJH513		
51R	MCR03EZJH510	56K	MCR03EZJH563		
56R	MCR03EZJH560	62K	MCR03EZJH623		
62R	MCR03EZJH620	68K	MCR03EZJH683		
68R	MCR03EZJH680	75K	MCR03EZJH753		
75R	MCR03EZJH750	82K	MCR03EZJH823		
82R	MCR03EZJH820	91K	MCR03EZJH913		
91R	MCR03EZJH910	100K	MCR03EZJH104		
100R	MCR03EZJH100	110K	MCR03EZJH114		
110R	MCR03EZJH110	120K	MCR03EZJH124		
120R	MCR03EZJH120	130K	MCR03EZJH134		
130R	MCR03EZJH130	150K	MCR03EZJH154		
150R	MCR03EZJH150	160K	MCR03EZJH164		
160R	MCR03EZJH160	180K	MCR03EZJH184		
180R	MCR03EZJH180	200K	MCR03EZJH204		
200R	MCR03EZJH200	220K	MCR03EZJH224		
220R	MCR03EZJH220	240K	MCR03EZJH244		
240R	MCR03EZJH240	270K	MCR03EZJH274		
270R	MCR03EZJH270	300K	MCR03EZJH304		
300R	MCR03EZJH300	330K	MCR03EZJH334		
330R	MCR03EZJH330	360K	MCR03EZJH364		
360R	MCR03EZJH360	390K	MCR03EZJH394		
390R	MCR03EZJH390	430K	MCR03EZJH434		
430R	MCR03EZJH430	470K	MCR03EZJH474		
470R	MCR03EZJH470	510K	MCR03EZJH514		
510R	MCR03EZJH510	560K	MCR03EZJH564		
560R	MCR03EZJH560	620K	MCR03EZJH624		
620R	MCR03EZJH620	680K	MCR03EZJH684		
680R	MCR03EZJH680	750K	MCR03EZJH754		
750R	MCR03EZJH750	820K	MCR03EZJH824		
820R	MCR03EZJH820	910K	MCR03EZJH914		
910R	MCR03EZJH910				

1% Tolerance

Value Ω	Manf. Part No. & anglia Order Code	Value Ω	Manf. Part No. & anglia Order Code
0R0	MCR03EZJH000	10K	MCR03EZPFX1002
10R	MCR03EZPFX10R0	11K	MCR03EZPFX1102
11R	MCR03EZPFX11R0	12K	MCR03EZPFX1202
12R	MCR03EZPFX12R0	13K	MCR03EZPFX1302
13R	MCR03EZPFX13R0	15K	MCR03EZPFX1502
15R	MCR03EZPFX15R0	16K	MCR03EZPFX1602
16R	MCR03EZPFX16R0	18K	MCR03EZPFX1802
18R	MCR03EZPFX18R0	20K	MCR03EZPFX2002
20R	MCR03EZPFX20R0	22K	MCR03EZPFX2202
22R	MCR03EZPFX22R0	24K	MCR03EZPFX2402
24R	MCR03EZPFX24R0	27K	MCR03EZPFX2702
27R	MCR03EZPFX27R0	30K	MCR03EZPFX3002
30R	MCR03EZPFX30R0	33K	MCR03EZPFX3302
33R	MCR03EZPFX33R0	36K	MCR03EZPFX3602
36R	MCR03EZPFX36R0	39K	MCR03EZPFX3902
39R	MCR03EZPFX39R0	43K	MCR03EZPFX4302
43R	MCR03EZPFX43R0	47K	MCR03EZPFX4702
47R	MCR03EZPFX47R0	51K	MCR03EZPFX5102
51R	MCR03EZPFX51R0	56K	MCR03EZPFX5602
56R	MCR03EZPFX56R0	62K	MCR03EZPFX6202
62R	MCR03EZPFX62R0	68K	MCR03EZPFX6802
68R	MCR03EZPFX68R0	75K	MCR03EZPFX7502
75R	MCR03EZPFX75R0	82K	MCR03EZPFX8202
82R	MCR03EZPFX82R0	91K	MCR03EZPFX9102
91R	MCR03EZPFX91R0	100K	MCR03EZPFX1003
100R	MCR03EZPFX1000	110K	MCR03EZPFX1103
110R	MCR03EZPFX1100	120K	MCR03EZPFX1203
120R	MCR03EZPFX1200	130K	MCR03EZPFX1303
130R	MCR03EZPFX1300	150K	MCR03EZPFX1503
150R	MCR03EZPFX1500	160K	MCR03EZPFX1603
160R	MCR03EZPFX1600	180K	MCR03EZPFX1803
180R	MCR03EZPFX1800	200K	MCR03EZPFX2003
200R	MCR03EZPFX2000	220K	MCR03EZPFX2203
220R	MCR03EZPFX2200	240K	MCR03EZPFX2403
240R	MCR03EZPFX2400	270K	MCR03EZPFX2703
270R	MCR03EZPFX2700	300K	MCR03EZPFX3003
300R	MCR03EZPFX3000	330K	MCR03EZPFX3303
330R	MCR03EZPFX3300	360K	MCR03EZPFX3603
360R	MCR03EZPFX3600	390K	MCR03EZPFX3903
390R	MCR03EZPFX3900	430K	MCR03EZPFX4303
430R	MCR03EZPFX4300	470K	MCR03EZPFX4703
470R	MCR03EZPFX4700	510K	MCR03EZPFX5103
510R	MCR03EZPFX5100	560K	MCR03EZPFX5603
560R	MCR03EZPFX5600	620K	MCR03EZPFX6203
620R	MCR03EZPFX6200	680K	MCR03EZPFX6803
680R	MCR03EZPFX6800	750K	MCR03EZPFX7503
750R	MCR03EZPFX7500	820K	MCR03EZPFX8203
820R	MCR03EZPFX8200	910K	MCR03EZPFX9103
910R	MCR03EZPFX9100	1M0	MCR03EZPFX1004
1K0	MCR03EZPFX1001	1M1	MCR03EZPFX1104
1K1	MCR03EZPFX1101	1M2	MCR03EZPFX1204
1K2	MCR03EZPFX1201	1M3	MCR03EZPFX1304
1K3	MCR03EZPFX1301	1M5	MCR03EZPFX1504
1K5	MCR03EZPFX1501	1M6	MCR03EZPFX1604
1K6	MCR03EZPFX1601	1M8	MCR03EZPFX1804
1K8	MCR03EZPFX1801	2M0	MCR03EZPFX2004
2K0	MCR03EZPFX2001	2M2	MCR03EZPFX2204
2K2	MCR03EZPFX2201		
2K4	MCR03EZPFX2401		
2K7	MCR03EZPFX2701		
3K0	MCR03EZPFX3001		
3K3	MCR03EZPFX3301		
3K6	MCR03EZPFX3601		
3K9	MCR03EZPFX3901		
4K3	MCR03EZPFX4301		
4K7	MCR03EZPFX4701		
5K1	MCR03EZPFX5101		
5K6	MCR03EZPFX5601		
6K2	MCR03EZPFX6201		
6K8	MCR03EZPFX6801		
7K5	MCR03EZPFX7501		
8K2	MCR03EZPFX8201		
9K1	MCR03EZPFX9101		

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