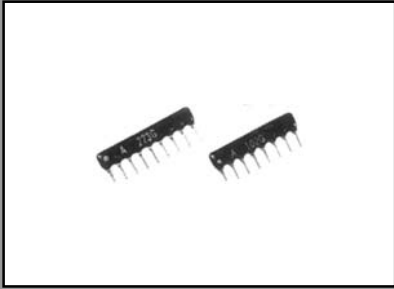


RESISTORS & POTENTIOMETERS

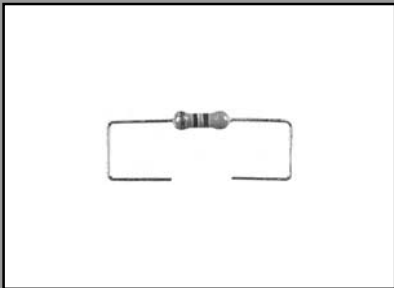
SIL NETWORKS



DIL NETWORKS



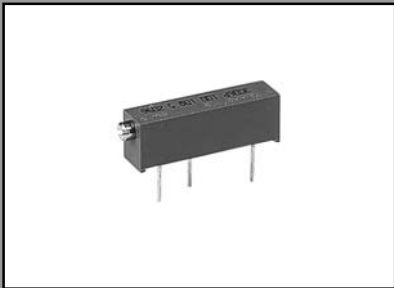
CARBON FILM RESISTORS



POTENTIOMETERS



CERMET POTENTIOMETERS



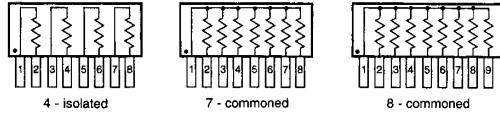
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CONTENTS

SQUIRES MODEL & CRAFT TOOLS

RESISTOR NETWORKS

SIL RESISTOR NETWORK a range of thick film SIL resistors networks encapsulated low profile epoxy resin package. Metal glaze elements on a ceramic substrate. Available in either isolated or commoned resistor styles. Suitable for use in high density circuit design. Sold individually.



Technical Specification
 Power Rating 0.125W per Resistor(Commoned Resistor)
 0.2W per Resistor (Isolated Resistor)
 Resistance Tolerance $\pm 2\%$
 Temp. Coefficient $\pm 100\text{ppm}/^\circ\text{C}$
 Max Working Voltage 100V
 Op. Temp. Range -55°C to $+125^\circ\text{C}$

CODE

4 Isolated Resistors

686-000	47R	686-005	100R	686-010	220R
686-015	330R	686-020	470R	686-025	1K
686-030	2K2	686-035	3K3	686-040	4K7
686-045	10K	686-050	22K	686-055	47K
686-060	100K				

PRICE
£0.21

4 Commoned Resistors

23-0000	1K	23-0002	2K2	23-0004	4K7
23-0006	10K	23-0008	22K	23-0010	47K
23-0012	100K				

£0.21

5 Commoned Resistors

23-0014	1K	23-0016	2K2	23-0018	4K7
23-0020	10K	23-0022	22K	23-0026	100K

£0.21

7 Commoned Resistors

686-105	100R	686-110	150R	686-120	330R
686-125	470R	686-130	1K	686-135	2K2
686-140	4K7	686-145	10K	686-150	2K2
686-155	47K	686-160	100K		

£0.21

8 Commoned Resistors

686-205	100R	686-210	220R	686-215	330R
686-220	470R	686-225	1K	686-230	2K2
686-235	4K7	686-240	10K	686-245	22K
686-250	47K	686-255	100K		

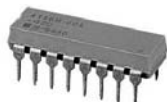
£0.21

9 Commoned Resistors

23-0030	220R	23-0032	470R	23-0034	1K
23-0038	2K2	23-0040	3K3	23-0042	4K7
23-0044	10K	23-0046	22K	23-0050	100K

£0.21

DIL RESISTOR NETWORKS a range of thick film resistor networks housed in a 16-pin dual in-line package. Each package contains eight individual isolated resistors which considerably assists in the design of and layout of printed circuit boards, especially in logic circuits. Ideal for high density applications. Bourns 4116R series.



Technical Specification

Tolerance: 100? $\pm 1\%$, >100 Ω 2%
 Power rating (per package): -40°C to $+85^\circ\text{C}$
 Temperature coefficient: $\pm 100\text{ppm}$ ($\pm 250\text{ppm} < 100\Omega$)
 Max. working voltage: 100V DC
 Operating temp. range: -55°C to $+125^\circ\text{C}$

CODE

23-0620	47R	23-0625	100R	23-0630	220R
23-0635	330R	23-0640	470R	23-0645	1K8
23-0650	2K2	23-0655	4K7	23-0660	10K
23-0665	22K	23-0670	47K	23-0675	100K

PRICE
£0.94

0.25W CARBON COMPOSITION RESISTORS

0.25W CARBON COMPOSITION RESISTORS a range of 1/4W carbon composition resistors that provide very high pulse capability with good stability and high reliability. Their carbon composition design gives better pulse endurance characteristics compared to film type resistors. They have a wide range of values from 2.2 Ω to 910k Ω , a tolerance 5% and low inductance and capacitance. Arcol RCC025 series.



Technical Specification

Rated dissipation at 70°C : 0.25W
 Tolerance on rated resistance: $\pm 5\%$
 Resistance range: 2.2 Ω to 910k Ω
 Limiting element voltage: 250V
 Isolation voltage: 100V
 Temperature range: -55°C to $+125^\circ\text{C}$
 Dimensions (mm): Body 6.3 x 2.4 dia.
 Leads 30 x 0.6 dia.

TYPE

SINGLE RESISTORS

2R2 - 75R

23-2308	2R2	23-2309	2R7	23-2310	3R3
23-2311	4R7	23-2312	5R6	23-2313	6R8
23-2314	8R2	23-2315	10R	23-2316	13R
23-2317	15R	23-2318	20R	23-2319	27R
23-2320	47R	23-2321	68R	23-2322	75R

100R - 820R

23-2323	100R	23-2324	220R	23-2325	360R
23-2326	470R	23-2327	560R	23-2328	680R
23-2329	750R	23-2330	820R		

1K - 8K2

23-2331	1K	23-2332	1K1	23-2333	1K5
23-2334	1K8	23-2335	2K	23-2336	2K7
23-2337	3K	23-2338	3K3	23-2339	3K9
23-2340	4K7	23-2341	5K6	23-2342	6K8
23-2343	8K2				

10K - 82K

23-2344	10K	23-2345	15K	23-2346	20K
23-2347	27K	23-2348	30K	23-2349	33K
23-2350	47K	23-2351	56K	23-2352	68K
23-2353	75K	23-2354	82K		

100K - 910K

23-2355	100K	23-2356	110K	23-2357	120K
23-2358	130K	23-2359	150K	23-2360	160K
23-2361	180K	23-2362	200K	23-2363	220K
23-2364	240K	23-2365	270K	23-2366	300K
23-2367	330K	23-2368	360K	23-2369	390K
23-2370	430K	23-2371	470K	23-2372	510K
23-2373	560K	23-2374	620K	23-2375	680K
23-2376	750K	23-2377	820K	23-2378	910K

**IF THERE ARE ANY ITEMS
 THAT WE HAVE FORGOTTEN
 WHILST ADDING OUR NEW RANGES**

**PLEASE FEEL FREE
 TO LET US KNOW**

SQUIRES ELECTRONIC COMPONENTS

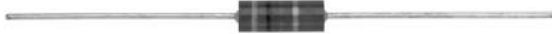
0.5W CARBON COMPOSITION RESISTORS

0.25W CARBON FILM RESISTORS

0.5W CARBON COMPOSITION RESISTORS a range of 1/2W carbon composition resistors that provide very high pulse capability with good stability and high reliability. Their carbon composition design gives better pulse endurance characteristics compared to film type resistors. They have a wide range of values from 2.2Ω to 910kΩ, a tolerance 5% and low inductance and capacitance. Arcol RCC050 series.

CARBON FILM 0.25W RESISTORS a range of miniature high stability 0.25W carbon film resistors for industrial and consumer electronic equipment. A zero ohm resistor is available which is a useful alternative to jumper wires or links on PCB's. Supplied individually or in packs of 10.

Technical Specification
 Power Rating@70°C 0.25W
 Resistance Range 0Ω - 10MΩ
 Tolerance ±5%
 Temp. Coefficient ±400ppm/°C
 Operating Voltage Max 300V
 Temperature Range -25°C to +70°C
 Dimensions Body 6.5 x 2.3mm
 Leads 30 x 0.6mm



Technical Specification

Rated dissipation at 70°C: 0.5W
 Tolerance on rated resistance: ±5%
 Resistance range: 2.2Ω to 910kΩ
 Limiting element voltage: 350V
 Isolation voltage: 500V
 Temperature range: -55°C to +125°C
 Dimensions (mm): Body 9.5 x 3.6 dia.
 Leads 28 x 0.7 dia.

IMPORTANT ORDERING INFORMATION

All Packs of 10 Carbon Film 0.25W 5% Resistors £0.40
To Order a pack of 10:- Use the single code and change the last digit to 5. i.e. 680-000 becomes 680-005.

TYPE	PRICE
SINGLE RESISTORS	£0.50
2R2 - 75R	
23-2379 2R2	23-2380 2R7
23-2382 4R7	23-2383 5R6
23-2385 8R2	23-2386 10R
23-2388 15R	23-2389 20R
23-2391 47R	23-2392 68R
100R - 820R	
23-2394 100R	23-2395 220R
23-2397 470R	23-2398 560R
23-2400 750R	23-2401 820R
1K - 8.2K	
23-2402 1K	23-2403 1K1
23-2405 1K8	23-2406 2K
23-2408 3K	23-2409 3K3
23-2411 4K7	23-2412 5K6
23-2414 8K2	
10K - 82K	
23-2415 10K	23-2416 15K
23-2418 27K	23-2419 30K
23-2421 47K	23-2422 56K
23-2424 75K	23-2425 82K
100K - 910K	
23-2426 100K	23-2427 110K
23-2429 130K	23-2430 150K
23-2432 180K	23-2433 200K
23-2435 240K	23-2436 270K
23-2438 330K	23-2439 360K
23-2441 430K	23-2442 470K
23-2444 560K	23-2445 620K
23-2447 750K	23-2448 820K
	23-2428 120K
	23-2431 160K
	23-2434 220K
	23-2437 300K
	23-2440 390K
	23-2443 510K
	23-2446 680K
	23-2449 910K

TYPE	PRICE
SINGLE RESISTORS	£0.05
680-000 OR	23-0110 1R2
23-0120 1R5	23-0130 1R8
23-0150 2R7	23-0160 3R3
680-040 6R8	680-050 8R2
680-070 12R	680-080 15R
680-100 22R	680-110 27R
680-130 39R	680-140 47R
680-160 68R	23-0294 75R
680-180 100R	680-190 120R
680-210 180R	680-220 220R
680-240 330R	680-250 390R
680-270 560R	680-280 680R
680-300 1K	680-310 1K2
680-330 1K8	680-340 2K2
680-360 3K3	680-370 3K9
680-390 5K6	680-400 6K8
680-420 10K	680-430 12K
680-450 18K	680-460 22K
680-480 33K	680-490 39K
680-510 56K	680-520 68K
680-540 100K	680-550 120K
680-570 180K	680-580 220K
680-600 330K	680-610 390K
680-630 560K	680-640 680K
680-660 1M	680-670 1M2
680-690 1M8	680-700 2M2
680-720 3M3	680-730 3M9
680-750 5M6	680-760 6M8
680-780 10M	680-030 5R6
	680-060 10R
	680-090 18R
	680-120 33R
	680-150 56R
	680-170 82R
	680-200 150R
	680-230 270R
	680-260 470R
	680-290 820R
	680-320 1K5
	680-350 2K7
	680-380 4K7
	680-410 8K2
	680-440 15K
	680-470 27K
	680-500 47K
	680-530 82K
	680-560 150K
	680-590 270K
	680-620 470K
	680-650 820K
	680-680 1M5
	680-710 2M7
	680-740 4M7
	680-770 8M2

PRODUCT CODES

PLEASE NOTE

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EXHIBITION SALES STAND
WE AIM TO EXHIBIT AS WIDE A RANGE AS POSSIBLE AT SHOWS, BUT DUE TO SPACE RESTRICTIONS WE ARE NOT ABLE TO FEATURE EVERY PRODUCT. IF YOU CONTACT US A FEW DAYS PRIOR TO AN EVENT WE WILL TRY TO ENSURE A PRODUCTS AVAILABILITY AT THAT SHOW

SQUIRES MODEL & CRAFT TOOLS

0.5W CARBON FILM RESISTORS

CARBON FILM 0.5W RESISTORS a range of miniature high stability 0.5W carbon film resistors for industrial and consumer electronic equipment. Supplied individually or in packs of 10.

Technical Specification

Power Rating@70°C	0.5W
Resistance Range	4.7Ω - 4.7MΩ
Tolerance	±5%
Temp. Coefficient	±400ppm/°C
Operating Voltage Max	350V
Temperature Range	-25°C to +70°C
Dimensions Body	8.8 x 2.8mm
Leads	27 x 0.6mm



IMPORTANT ORDERING INFORMATION

All Packs of 10 Carbon Film 0.5W 5% Resistors £0.60
To Order a pack of 10:- Use the single code and change the last digit to 5. i.e. 681-000 becomes 681-005.

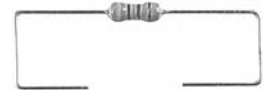
TYPE	PRICE	
SINGLE RESISTORS	£0.07	
681-000 4R7	681-010 5R6	681-020 6R8
681-030 8R2	681-040 10R	681-050 12R
681-060 15R	681-070 18R	681-080 22R
681-090 27R	681-100 33R	681-110 39R
681-120 47R	681-130 56R	681-140 68R
681-150 82R	681-160 100R	681-170 120R
681-180 150R	681-190 180R	681-200 220R
681-210 270R	681-220 330R	681-230 390R
681-240 470R	681-250 560R	681-260 680R
681-270 820R	681-280 1K	681-290 1K2
681-300 1K5	681-310 1K8	681-320 2K2
681-330 2K7	681-340 3K3	681-350 3K9
681-360 4K7	681-370 5K6	681-380 6K8
681-390 8K2	681-400 10K	681-410 12K
681-420 15K	681-430 18K	681-440 22K
681-450 27K	681-460 33K	681-470 39K
681-480 47K	681-490 56K	681-500 68K
681-510 82K	681-520 100K	681-530 120K
681-540 150K	681-550 180K	681-560 220K
681-570 270K	681-580 330K	681-590 390K
23-0400 430K	681-600 470K	681-610 560K
681-620 680K	681-630 820K	681-640 1M
681-650 1M2	681-660 1M5	681-670 1M8
681-680 2M2	681-690 2M7	681-700 3M3
681-710 3M9	681-720 4M7	23-0410 5M6
23-0420 6M8	23-0430 8M2	

0.25W METAL FILM RESISTORS

METAL FILM 0.25W RESISTORS a range of highly stable miniature 0.25W metal film resistors protected against adverse environmental conditions by multiple epoxy coatings. Recommended for use in industrial and consumer electronic equipment. Supplied individually or in packs of 10.

Technical Specification

Power Rating@70°C	0.25W
Resistance Range	10Ω - 1MΩ
Tolerance	±1%
Max Working Voltage	300V
Max Overload Voltage	600V
Max Temp. Coefficient	±50ppm/°C
Typical Noise	0.01µV/V
Temperature Range	-25°C to +70°C
Dimensions Body	6.3 x 2.3mm dia.
Leads	28 x 0.6mm dia.



IMPORTANT ORDERING INFORMATION

All Packs of 10 Metal Film 0.25W 1% Resistors £0.60
To Order a pack of 10:- Use the single code and change the last digit to 5. i.e. 682-000 becomes 682-005.

TYPE	PRICE	
SINGLE RESISTORS	£0.07	
23-0180 1R	23-0190 1R5	23-0200 2R2
23-0210 3R3	23-0220 4R7	23-0230 6R8
682-000 10R	23-0240 11R	682-010 12R
682-250 13R	682-020 15R	23-0250 16R
682-030 18R	682-040 20R	682-050 22R
682-060 24R	682-070 30R	682-080 33R
682-090 36R	682-100 39R	682-110 43R
682-120 47R	682-130 51R	682-140 56R
682-150 62R	682-160 68R	682-170 75R
682-180 82R	682-190 91R	682-200 100R
682-210 110R	682-220 120R	682-230 130R
682-240 150R	682-250 160R	682-260 180R
682-270 200R	682-280 220R	682-290 240R
682-300 270R	682-310 300R	682-320 330R
682-330 360R	682-340 390R	682-350 430R
682-360 470R	682-370 510R	682-380 560R
682-390 620R	682-400 680R	682-410 750R
682-420 820R	682-430 910R	682-440 1K
682-450 1K1	682-460 1K2	682-470 1K3
682-480 1K5	682-490 1K6	682-500 1K8
682-510 2K	682-520 2K2	682-530 2K4
682-540 2K7	682-550 3K	682-560 3K3
682-570 3K6	682-580 3K9	682-590 4K3
682-600 4K7	682-610 5K1	682-620 5K6
682-630 6K2	682-640 6K8	682-650 7K5
682-660 8K2	682-670 9K1	682-680 10K
682-690 11K	682-700 12K	682-710 13K
682-720 15K	682-730 16K	682-740 18K
682-750 20K	682-760 22K	682-770 24K
682-780 27K	682-790 30K	682-800 33K
682-810 36K	682-820 39K	682-830 43K
682-840 47K	682-850 51K	682-860 56K
682-870 62K	682-880 68K	682-890 75K
682-900 82K	682-910 91K	682-920 100K
682-930 110K	682-940 120K	682-950 130K
682-960 150K	682-970 160K	682-980 180K
682-990 200K	683-000 220K	683-010 240K
683-020 270K	683-030 300K	683-040 330K
683-050 360K	683-060 390K	683-070 430K
683-080 470K	683-090 510K	683-100 560K
683-110 620K	683-120 680K	683-130 750K
683-140 820K	683-150 910K	683-160 1M
23-0260 3M3	23-0270 6M8	23-0280 10M

PRODUCT CODES

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SQUIRES ELECTRONIC COMPONENTS

3W WIRE WOUND RESISTORS

3W WIRE WOUND RESISTORS a range of 3W wirewound resistors wound on a ceramic former with flame retardant silicone resin coating. Sold individually.

Technical specification

Power rating at 70°C	3W (derate to zero @ 275°C)
Resistance tolerance	5%
Max. temperature coefficient	±300ppm/°C
Temperature range	-40 to +200°C
Dimensions: body	15.0(1) x 5.0(d)
leads	35(1) x 0.8(d)



TYPE		PRICE	
SINGLE RESISTORS		£0.40	
685-965	0R1	23-0300	0R15
685-970	0R22	685-975	0R33
23-0304	0R56	23-0306	0R68
23-0308	1R5	23-0310	2R
23-0312	3R3	23-0314	3R9
23-0316	5R	23-0318	6R8
685-997	22R	685-998	47R
685-991	150R		

METAL OXIDE RESISTORS

3W METAL OXIDE RESISTORS A range of high power metal oxide resistors in a compact package constructed using advanced oxide deposition techniques. These resistors offer good stability and uniformity of characteristics and are a low cost alternative to metal film resistors. Flameproof outer coating. Supplied banded with a 4 band colour code.

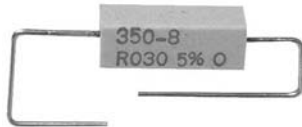


Technical Specification

Dimensions	15.5 x 5mm
Power rating at 70°C	3W (derate to zero at 250°C)
Resistance tolerance	±5%
Temperature coefficient	±300ppm/°C
Temperature range	-55°C to +155°C
Max working voltage	400V

4W LOW OHMIC RESISTORS

4W LOW OHMIC RESISTORS a range of ceramic cased non-inductive high power resistors with low temperature coefficient. They are ideal for use in current sensing applications such as power supplies, overload sensing and motor control.



Technical Specification

Dimensions:	18 x 6.4mm
Power rating @ 70°C:	4W (derate to zero at 250°C)
Resistance tolerance:	±5%
Temperature coefficient:	250 to + 550ppm/°C
Insulation voltage:	2000V AC
Insulation resistance:	>10,000MΩ
Operating temperature range:	-55°C to +250°C

CODE	TYPE	PRICE
23-7100	Low Ohmic Resistor 4W ORO10.....	£1.25
23-7102	Low Ohmic Resistor 4W ORO15	£1.25
23-7104	Low Ohmic Resistor 4W ORO22.....	£1.25
23-7106	Low Ohmic Resistor 4W ORO33.....	£1.25
23-7108	Low Ohmic Resistor 4W ORO47.....	£1.25
23-7110	Low Ohmic Resistor 4W ORO51.....	£1.25

TYPE SINGLE RESISTORS PRICE £0.35

686-260	10R	686-262	15R	686-264	22R
686-265	27R	686-267	33R	686-270	47R
686-272	56R	686-274	68R	686-275	82R
686-277	100R	686-282	180R	686-284	220R
686-285	270R	686-287	330R	686-289	390R
686-290	470R	686-292	560R	686-294	680R
686-295	820R	686-297	1K	686-299	1K2
686-300	1K5	686-302	1K8	686-304	2K2
686-305	2K7	686-307	3K3	686-309	3K9
686-310	4K7	686-314	6K8	686-317	10K
686-319	12K	686-320	15K	686-322	18K
686-324	22K	686-325	27K	686-327	33K
686-329	39K	686-330	47K	686-332	56K

6W WIREWOUND RESISTOR a range of wirewound power resistors rated at 6W with a flame retardant coating.



Technical Specification

Dimensions:	24 x 8mm
Power rating:	6W
Resistance tolerance:	±5%
Temperature coefficient:	±300ppm/°C
Max. working voltage:	350V
Temperature range:	-55°C to +155°C

TYPE SINGLE RESISTORS PRICE £0.50

23-8351	0.1R	23-8352	0.22R	23-8353	0.68R
23-8310	1R	23-8318	4R7	23-8354	5R
23-8320	6R8	23-8322	10R	23-8324	15R
23-8326	22R	23-8328	33R	23-8330	47R
23-8332	68R	23-8356	75R	23-8357	82R
23-8334	100R	23-8336	150R	23-8358	180R
23-8338	220R	23-8340	330R	23-8342	470R
23-8344	680R	23-8346	1K	23-8348	1K5
23-8350	2K2				

SINGLE RESISTORS		PRICE	
		£0.89	
23-8361	2K7	23-8362	3K
23-8364	4K7	23-8366	6K8
		23-8363	3K9
		23-8367	7K5

**IF THERE ARE ANY ITEMS
THAT WE HAVE FORGOTTEN
WHILST ADDING OUR NEW RANGES**

**PLEASE FEEL FREE
TO LET US KNOW**

SQUIRES MODEL & CRAFT TOOLS

CERAMIC RESISTORS

5W AXIAL CERAMIC RESISTORS a range of 5W power resistors with wirewound or power oxide elements dependent on value. Both resistors are embodied in a ceramic case then fully sealed with an inorganic silica filler giving the resistor high insulation, a low surface temperature and of course a completely flame proof construction.



Technical specification	
Power rating at 70°C	5W
Resistance tolerance	±5%
Temperature coefficient	±300ppm/°C
Max. operating voltage	350V
Operating temperature	-55° to +250°C
Dimensions body	22.0(l)x10.0(w)x9.0mm(h)
leads	35.0(l)x0.8mm(d)

TYPE	PRICE
SINGLE RESISTORS Wirewound Element	£0.60
684-074 R033 684-076 R047 684-086 1R0	
684-092 4R7 684-094 10R 684-096 22R	
684-098 33R 684-100 47R 684-102 100R	
SINGLE RESISTORS Power Oxide Element	£0.60
684-110 1K 23-0322 4K7	

5W VERTICAL MOUNTING CERAMIC RESISTORS An innovative range of ceramic cased resistors capable of dissipating high power with the minimum board real estate. The resistor is just 26.5mm tall yet the special stand offs ensure board temperature is kept to a minimum even at full continuous power. Economically priced it contains either a wirewound or special power oxide element.



Technical specification	
Power rating at 70°C	5W
Resistance tolerance	±5%
Max. temperature coefficient	±300ppm/°C
Max. working voltage	350V
Operating temperature	-55° to +250°C
Dimensions body	26.5(h)x14.0(w)x10.0mm(d)
leads	length (useable) 3.5, pitch 5.0 dia 0.8.

TYPE	PRICE
SINGLE RESISTORS Wirewound Element	£0.65
684-126 0R47 684-128 1R 684-130 4R7	
684-132 10R 684-134 22R 684-138 47R	
684-140 100R	
SINGLE RESISTORS Power Oxide Element	£0.65
684-148 1K 684-150 2K2 684-152 3K3	
684-156 10K	

7W AXIAL WIREWOUND RESISTORS

7W AXIAL WIREWOUND RESISTOR a range of axial ceramic 7W power resistors. Heat and flame resistant.



Technical Specification

Dimensions:	35 x 10 x 9mm
Power rating at 70°C:	7W
Resistance tolerance:	5%
Temperature coefficient:	±300ppm/°C
Temperature range:	-55°C to +155°C
Max. working voltage:	500V

TYPE	PRICE
SINGLE RESISTORS	£0.35
23-8250 R47 23-8252 1R 23-8254 4R7	
23-8256 10R 23-8258 22R 23-8260 33R	
23-8262 47R 23-8264 100R 23-8268 1K	
23-8270 4K7 23-8272 10K 23-8274 22K	

THICK FILM POWER RESISTORS

5W THICK FILM POWER RESISTORS A range of non inductive thick film power resistors, being vertically mounted and able to dissipate 5W in free air. Attractively priced and available in values from 1R to 50k they are the ideal solution for small snubber circuits, the output side of high speed pulse generators and surge absorption resistors in switch mode power supplies. **Available while stocks last.**



Technical specification	
Power rating at 70°C	5W
Resistance tolerance	±5%
Max. operating voltage	350V AC
Temperature coefficient	±100ppm/°C
Dielectric strength	5000V
Operating temperature	-55° to +155°C
Dimensions body	25.4(h)x12.7(w)x2.54(d)
leads	0.9mm, 5.08mm pitch

TYPE	PRICE
SINGLE RESISTORS Thick Film Power Resistors	£1.15
684-164 20R 684-166 50R 684-168 100R	
684-172 500R 684-174 1K 684-176 2K	
684-178 5K 684-182 20K 684-184 50K	

ALUMINIUM CLAD WIREWOUND RESISTORS

ALUMINIUM CLAD WIREWOUND RESISTORS A range of aluminium clad resistors approved to CECC for applications requiring high power dissipation in limited space. Housed in hard anodised aluminium via transfer moulding with terminals of solder coated copper. Power ratings specified derate linearly from full load (at 20°) to zero (at 200°C).



Technical specification	HSA25	HSA50
Power rating 25°C	25W	50W
Max AC working volt	550V	1250V
Resistance tolerance	±5%	±5%
Temp coefficient	<100R 50ppm/°C >100R 30ppm/°C	<100R 50ppm/°C >100R 30ppm/°C
Max surface temp	200°C	200°C
Ambient temp range	-55 to +200°C	-55 to +200°C
Fixing	2 screws	2 screws
Dimensions body	29.0(l)x28.0(w)x15.0(h)	51.0(l)x30.0(w)x17.0(h)
Fixing centres	18.3 x 19.8	39.7 x 21.4

TYPE	PRICE
10W RESISTORS Aluminium Clad Wirewound	£1.99
23-8071 0R1 23-8072 0R47 23-8073 0R5	
23-8074 1R 23-8075 2R2 23-8076 3R3	
23-8077 5R 23-8078 22R 23-8079 330R	
25W RESISTORS Aluminium Clad Wirewound	£2.79
684-186 R01(0.01) 684-188 0R22 684-190 0R47	
684-192 1R 684-194 2R2 684-196 4R7	
684-198 10R 684-200 22R 684-202 33R	
684-204 47R 684-206 68R 684-208 100R	
684-210 220R 684-212 470R 684-216 1K	
50W RESISTORS Aluminium Clad Wirewound	£3.49
684-218 0R05 684-220 0R1 684-222 0R47	
684-224 0R68 684-226 1R 684-228 2R2	
684-230 3R3 684-232 4R7 23-0330 6R8	
684-234 10R 684-236 15R 684-238 22R	
684-240 33R 684-242 47R 684-244 68R	
684-246 100R 684-248 220R 684-250 470R	
684-252 1K	

SQUIRES ELECTRONIC COMPONENTS

16MM COMMERCIAL POTENTIOMETERS

16MM COMMERCIAL POTENTIOMETERS a range of competitive 16mm diameter carbon track single potentiometers suitable for PCB mounting offering a range of popular values. Supplied with 6mm serrated shaft. Sold individually.

Technical Specification

Tolerance	20%
Power Rating	0.2W linear, 0.1W log.
Max Voltage	200V linear, 150V log.
Electrical Rotation	300°±5°
Rotation Torque	30-350gm/cm
Temp. Range	-25°C to +70°C



CODE	TYPE	PRICE
Linear Track		
685-000	16mm Commercial Potentiometer 470R.....	£0.90
685-005	16mm Commercial Potentiometer 1K.....	£0.90
685-010	16mm Commercial Potentiometer 4K7.....	£0.90
685-015	16mm Commercial Potentiometer 10K.....	£0.90
685-020	16mm Commercial Potentiometer 47K.....	£0.90
685-025	16mm Commercial Potentiometer 100K.....	£0.90
685-030	16mm Commercial Potentiometer 470K.....	£0.90
685-035	16mm Commercial Potentiometer 1M.....	£0.90
Log. Track		
685-045	16mm Commercial Potentiometer 4K7.....	£0.99
685-050	16mm Commercial Potentiometer 1M.....	£0.99

24MM COMMERCIAL POTENTIOMETERS

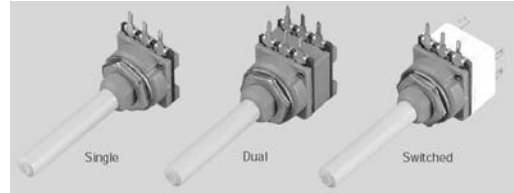
24MM COMMERCIAL POTENTIOMETERS a range of competitive 24mm diameter carbon track single potentiometers suitable for Chassis mounting with connections made via solder tags, available in popular values. Supplied with standard 6mm nylon shaft. Sold individually.



CODE	TYPE	PRICE
Linear Track		
685-100	24mm Commercial Potentiometer 470R.....	£1.09
685-105	24mm Commercial Potentiometer 1K.....	£1.09
685-110	24mm Commercial Potentiometer 4K7.....	£1.09
685-115	24mm Commercial Potentiometer 10K.....	£1.09
685-120	24mm Commercial Potentiometer 22K.....	£1.09
685-125	24mm Commercial Potentiometer 47K.....	£1.09
685-130	24mm Commercial Potentiometer 100K.....	£1.09
685-135	24mm Commercial Potentiometer 220K.....	£1.09
685-140	24mm Commercial Potentiometer 470K.....	£1.09
685-145	24mm Commercial Potentiometer 1M.....	£1.09
685-150	24mm Commercial Potentiometer 2M2.....	£1.09
Log. Track		
685-155	24mm Commercial Potentiometer 4K7.....	£1.09
685-160	24mm Commercial Potentiometer 10K.....	£1.09
685-165	24mm Commercial Potentiometer 47K.....	£1.09
685-170	24mm Commercial Potentiometer 100K.....	£1.09
685-175	24mm Commercial Potentiometer 1M.....	£1.09
685-180	24mm Commercial Potentiometer 2M2.....	£1.09

MINIATURE 16MM POTENTIOMETERS

MINIATURE 16MM POTENTIOMETERS a range of insulated semi sealed potentiometers with a conductive plastic resistance track available in single, dual (stereo) and switched options. All types are supplied with 6 x 40mm round shafts and PCB pins. The switched controls feature a DEMKO approved double pole single throw switch.



Technical Specification

Tolerance	±20%
Power rating	linear 3dB, log 2dB
Limiting element voltage	0.25W linear, 0.12W log
Electrical rotation single + dual	350V DC
switched	265° nominal
Operating torque	242° nominal
Switch contacts	0.4-1.5Ncm Switched 4.0Ncm max
Surge rating (0.01s)	DPST 4A 250V AC/10A 12V DC
Housing material	80A
Temperature range	Glass filled polyester
	-10° to +75°C

CODE	TYPE	PRICE
Single controls		
684-254	Potentiometer 16mm 1K linear.....	£1.65
684-256	Potentiometer 16mm 4K7 linear.....	£1.65
684-258	Potentiometer 16mm 10K linear.....	£1.65
684-260	Potentiometer 16mm 47K linear.....	£1.65
684-262	Potentiometer 16mm 100K linear.....	£1.65
684-264	Potentiometer 16mm 470K linear.....	£1.65
684-266	Potentiometer 16mm 1M linear.....	£1.65
684-268	Potentiometer 16mm 1K log.....	£1.79
684-270	Potentiometer 16mm 4K7 log.....	£1.79
684-272	Potentiometer 16mm 10K log.....	£1.79
684-274	Potentiometer 16mm 47K log.....	£1.79
684-276	Potentiometer 16mm 100K log.....	£1.79
Dual controls		
684-278	Potentiometer 16mm 1K linear.....	£3.39
684-280	Potentiometer 16mm 10K linear.....	£3.39
684-282	Potentiometer 16mm 22K linear.....	£3.39
684-284	Potentiometer 16mm 47K linear.....	£3.39
684-286	Potentiometer 16mm 100K linear.....	£3.39
684-288	Potentiometer 16mm 10K log.....	£3.39
684-290	Potentiometer 16mm 47K log.....	£3.39
684-292	Potentiometer 16mm 100K log.....	£3.39
Switched controls		
684-294	Potentiometer 16mm 1K linear.....	£3.50
684-296	Potentiometer 16mm 4K7 linear.....	£3.50
684-298	Potentiometer 16mm 10K linear.....	£3.50
684-300	Potentiometer 16mm 22K linear.....	£3.50
684-304	Potentiometer 16mm 100K linear.....	£3.50
684-306	Potentiometer 16mm 220K linear.....	£3.50
684-308	Potentiometer 16mm 470K linear.....	£3.50
684-314	Potentiometer 16mm 4K7 log.....	£3.50
684-316	Potentiometer 16mm 10K log.....	£3.50
684-318	Potentiometer 16mm 47K log.....	£3.50

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SQUIRES MODEL & CRAFT TOOLS

3W MULTITURN POTENTIOMETERS

MULTI-TURN 3W POTENTIOMETERS a range of precision helical 3 watt 10 turn potentiometers. Sold individually.

Technical Specification

Power Rating	3W (2W @70°C)
Tolerance	±5%
Effective Rotation	3600° (+10° - 0°)
Mechanical Rotation	3600° (+10° - 0°)
Temperature Coeff.	±20ppm/°C
Linearity	±25%
End Resistance	1Ω
Dielectric Strength	1000V AC
Dimensions	Body 19.1(L) x 22.2 (dia)
	Spindle 6.35mm
	Bush 3/8" x 32 UNEF
Operating Temp	-55°C to +125°C



CODE	TYPE	PRICE
685-200	Potentiometer 3w 10 Turn 100R.....	£12.99
685-205	Potentiometer 3w 10 Turn 200R.....	£12.99
685-210	Potentiometer 3w 10 Turn 500R.....	£12.99
685-215	Potentiometer 3w 10 Turn 1K.....	£12.99
685-220	Potentiometer 3w 10 Turn 2K.....	£12.99
685-225	Potentiometer 3w 10 Turn 5K.....	£12.99
685-230	Potentiometer 3w 10 Turn 10K.....	£12.99
685-235	Potentiometer 3w 10 Turn 20K.....	£12.99
685-240	Potentiometer 3w 10 Turn 50K.....	£12.99
685-245	Potentiometer 3w 10 Turn 100K.....	£19.99

SLIDE POTENTIOMETERS

SLIDE POTENTIOMETERS a comprehensive range of good quality 60mm travel single slide potentiometers for PCB mounting or can be hard wired if preferred. Available in both Log and Linear versions. Sold individually.

Technical Specification

Travel	60mm
End Resistance	1% Nominal
Power Rating	0.5W Linear Law 0.25W Log. Law
Max Voltage	500V DC Linear 250V DC Log.
Slide Force	50 - 350gm/cm
Temp. Range	-25°C to +70°C



CODE	TYPE	PRICE
685-265	Potentiometer Slider 0.5w 10K Lin.....	£1.45
685-270	Potentiometer Slider 0.5w 100K Lin.....	£1.45
685-275	Potentiometer Slider 0.5w 500K Lin.....	£1.65
685-280	Potentiometer Slider 0.25w 10K Log.....	£1.65
685-290	Slider Control Knob Black.....	£0.33

TRIMMING TOOLS

10 PIECE TRIMMING TOOL SET a set of 10 trimming tools for the delicate trimming of electronic equipment. Manufactured from thermoplastic material. Includes slotted, hexagonal and square types.



CODE	TYPE	PRICE
010-485	CK Trimming Tool Set 10 Piece.....	£6.75

PRESET POTENTIOMETERS

CARBON PRESET POTENTIOMETERS A range of miniature single turn carbon track preset potentiometers. Linear law. Horizontal mounting style only.



Technical Specification

Dimensions	8.2 x 11.2 x 2.6mm
Pitch	5 x 10mm
Tolerance	±30%
End resistance	>20%Ω
Power rating	0.1W
Maximum operating voltage	100V ac, 20V dc
Electrical rotation	250° ±5°
Rotational torque	30-60gf/cm
Temperature range	-20° to +70°C

CODE	TYPE	PRICE
684-320	Carbon Preset Potentiometer 100Ω.....	£0.18
684-322	Carbon Preset Potentiometer 200Ω.....	£0.18
684-324	Carbon Preset Potentiometer 500Ω.....	£0.18
684-326	Carbon Preset Potentiometer 1K.....	£0.18
684-328	Carbon Preset Potentiometer 2K.....	£0.18
684-330	Carbon Preset Potentiometer 5K.....	£0.18
684-332	Carbon Preset Potentiometer 10K.....	£0.18
684-334	Carbon Preset Potentiometer 20K.....	£0.18
684-336	Carbon Preset Potentiometer 50K.....	£0.18
684-338	Carbon Preset Potentiometer 100K.....	£0.18
684-340	Carbon Preset Potentiometer 200K.....	£0.18
684-342	Carbon Preset Potentiometer 500K.....	£0.18
684-344	Carbon Preset Potentiometer 1M.....	£0.18

ENCLOSED PRESET POTENTIOMETERS a comprehensive range of fully enclosed miniature single turn preset potentiometers. Suitable for unfavourable environments. Adjustable from either side. Available in both horizontal and vertical versions. Sold individually.



Technical Specification

Tolerance	20%	End Resistance	2%
Power Rating	0.15W @40°C	Max Voltage	200V DC
Temperature Coeff.	1000ppm/°C	Temp. Range	-25°C to +70°C
Electrical Rotation	240° 20%		

CODE	TYPE	PRICE
685-300	Potentiometer Preset 0.15w 100R Hori.....	£0.25
685-305	Potentiometer Preset 0.15w 220R Hori.....	£0.25
685-310	Potentiometer Preset 0.15w 470R Hori.....	£0.25
685-315	Potentiometer Preset 0.15w 1K Hori.....	£0.25
685-320	Potentiometer Preset 0.15w 2K2 Hori.....	£0.25
685-325	Potentiometer Preset 0.15w 4K7 Hori.....	£0.25
685-330	Potentiometer Preset 0.15w 10K Hori.....	£0.25
685-335	Potentiometer Preset 0.15w 22K Hori.....	£0.25
685-340	Potentiometer Preset 0.15w 47K Hori.....	£0.25
685-345	Potentiometer Preset 0.15w 100K Hori.....	£0.25
685-350	Potentiometer Preset 0.15w 220K Hori.....	£0.25
685-355	Potentiometer Preset 0.15w 470K Hori.....	£0.25
685-360	Potentiometer Preset 0.15w 1M Hori.....	£0.25
685-365	Potentiometer Preset 0.15w 100R Vert.....	£0.25
685-370	Potentiometer Preset 0.15w 220R Vert.....	£0.25
685-375	Potentiometer Preset 0.15w 470R Vert.....	£0.25
685-380	Potentiometer Preset 0.15w 1K Vert.....	£0.25
685-385	Potentiometer Preset 0.15w 2K2 Vert.....	£0.25
685-390	Potentiometer Preset 0.15w 4K7 Vert.....	£0.25
685-395	Potentiometer Preset 0.15w 10K Vert.....	£0.25
685-400	Potentiometer Preset 0.15w 22K Vert.....	£0.25
685-405	Potentiometer Preset 0.15w 47K Vert.....	£0.25
685-410	Potentiometer Preset 0.15w 100K Vert.....	£0.25
685-415	Potentiometer Preset 0.15w 220K Vert.....	£0.25
685-420	Potentiometer Preset 0.15w 470K Vert.....	£0.25
685-425	Potentiometer Preset 0.15w 1M Vert.....	£0.25

SQUIRES ELECTRONIC COMPONENTS

CERMET POTENTIOMETERS

6mm CERMET TRIMMER POTENTIOMETERS A range of miniature fully enclosed cermet trimmer potentiometers offering high reliability and stability. The trimmer can be used in a wide range of applications including industrial, professional and consumer markets. Dust and splash proof sealing.



Technical Specification
 Dimensions 8.3 x 6.8 x 3.5mm
 Pitch 5 x 5mm
 Tolerance ±20%
 Power rating @ 70°C 0.25W
 Operating voltage max 100V ac, 20V dc
 Temperature coefficient ±250ppm/°C
 Electrical rotation 260° ±10°

8.3 x 6.8 x 3.5mm
 5 x 5mm
 ±20%
 0.25W
 100V ac, 20V dc
 ±250ppm/°C
 260° ±10°

CODE	TYPE	PRICE
684-346	6mm Cermet Trimmer Potentiometer 200 ohms..	£0.31
684-348	6mm Cermet Trimmer Potentiometer 500 ohms..	£0.31
684-350	6mm Cermet Trimmer Potentiometer 1K.....	£0.31
684-352	6mm Cermet Trimmer Potentiometer 2K.....	£0.31
684-356	6mm Cermet Trimmer Potentiometer 10K.....	£0.31
684-358	6mm Cermet Trimmer Potentiometer 20K.....	£0.31
684-360	6mm Cermet Trimmer Potentiometer 50K.....	£0.31
684-362	6mm Cermet Trimmer Potentiometer 100K.....	£0.31
684-364	6mm Cermet Trimmer Potentiometer 200K.....	£0.31
684-366	6mm Cermet Trimmer Potentiometer 500K.....	£0.31
684-368	6mm Cermet Trimmer Potentiometer 1M.....	£0.31

6MM CERMET POTENTIOMETER a range of open frame single turn cermet potentiometers available in top or side adjust orientations. The trimmers are fitted with dust/splash resistant covers and feature PCB stand-offs. The legs are preformed to retain the trimmer in PCB prior to soldering. Bourns 3306P and 3306W series.

Technical Specification

Dimensions: 6.8 x 8.1mm
 Pitch: 2.5mm
 Resistance tolerance: ±25%
 Power rating: 0.2W @ 70°C
 Voltage rating: 100V
 End resistance: 2% (2K 30Ω)
 Adjustment angle: 215°
 Operating torque: 3.15Ncm max.
 Operating temperature: -25°C to +100°C



CODE	TYPE	PRICE
Top Adjust 3306P		
23-0600	Cermet Potentiometer 6mm 100R.....	£0.61
23-0604	Cermet Potentiometer 6mm 500R.....	£0.61
23-0606	Cermet Potentiometer 6mm 1K.....	£0.61
23-0608	Cermet Potentiometer 6mm 2K.....	£0.61
23-0610	Cermet Potentiometer 6mm 5K.....	£0.61
23-0612	Cermet Potentiometer 6mm 10K.....	£0.61
23-0614	Cermet Potentiometer 6mm 20K.....	£0.61
23-0616	Cermet Potentiometer 6mm 50K.....	£0.61
23-0618	Cermet Potentiometer 6mm 100K.....	£0.61
23-0622	Cermet Potentiometer 6mm 500K.....	£0.61
23-0624	Cermet Potentiometer 6mm 1M.....	£0.61
Side Adjust 3306W		
23-0630	Cermet Potentiometer 6mm 100R.....	£0.61
23-0634	Cermet Potentiometer 6mm 500R.....	£0.61
23-0636	Cermet Potentiometer 6mm 1K.....	£0.61
23-0638	Cermet Potentiometer 6mm 2K.....	£0.61
23-0640	Cermet Potentiometer 6mm 5K.....	£0.61
23-0642	Cermet Potentiometer 6mm 10K.....	£0.61
23-0644	Cermet Potentiometer 6mm 20K.....	£0.61
23-0646	Cermet Potentiometer 6mm 50K.....	£0.61
23-0648	Cermet Potentiometer 6mm 100K.....	£0.61
23-0654	Cermet Potentiometer 6mm 500K.....	£0.61
23-0656	Cermet Potentiometer 6mm 1M.....	£0.61

3/8in SINGLE TURN CERMET POTENTIOMETERS a range of fully enclosed single turn cermet potentiometers, sealed to withstand industrial cleaning solvents and harsh environments with moulded PCB stand offs. They are used for trimming the value of a resistor, and are commonly used for calibrating instruments. The unique multifinger wiper design ensures excellent noise and stability characteristics. Available with two different pin layouts.

Technical Specification

Operating voltage: 300V max.
 Power rating: 0.5W
 Total resistance: 10Ω to 2MΩ
 Tolerance: ±10%
 Temperature range: -10°C to +70°C



CODE	TYPE	PRICE
3386P		
23-2011	Cermet Potentiometers 3/8in Single Turn 10R.....	£0.65
23-2015	Cermet Potentiometers 3/8in Single Turn 100R...	£0.65
23-2216	Cermet Potentiometers 3/8in Single Turn 200R...	£0.65
23-2017	Cermet Potentiometers 3/8in Single Turn 500R...	£0.65
23-2218	Cermet Potentiometers 3/8in Single Turn 1K.....	£0.65
23-2019	Cermet Potentiometers 3/8in Single Turn 2K.....	£0.65
23-2220	Cermet Potentiometers 3/8in Single Turn 5K.....	£0.65
23-2021	Cermet Potentiometers 3/8in Single Turn 10K.....	£0.65
23-2222	Cermet Potentiometers 3/8in Single Turn 20K.....	£0.65
23-2023	Cermet Potentiometers 3/8in Single Turn 50K.....	£0.65
23-2224	Cermet Potentiometers 3/8in Single Turn 100K...	£0.65
23-2025	Cermet Potentiometers 3/8in Single Turn 200K...	£0.65
23-2226	Cermet Potentiometers 3/8in Single Turn 500K...	£0.65
23-2027	Cermet Potentiometers 3/8in Single Turn 1M.....	£0.65
23-2212	Cermet Potentiometers 3/8in Single Turn 2M.....	£0.65
3386F		
23-2213	Cermet Potentiometers 3/8in Single Turn 10R.....	£0.65
23-2228	Cermet Potentiometers 3/8in Single Turn 100R...	£0.65
23-2229	Cermet Potentiometers 3/8in Single Turn 200R...	£0.65
23-2230	Cermet Potentiometers 3/8in Single Turn 500R...	£0.65
23-2231	Cermet Potentiometers 3/8in Single Turn 1K.....	£0.65
23-2232	Cermet Potentiometers 3/8in Single Turn 2K.....	£0.65
23-2233	Cermet Potentiometers 3/8in Single Turn 5K.....	£0.65
23-2234	Cermet Potentiometers 3/8in Single Turn 10K.....	£0.65
23-2235	Cermet Potentiometers 3/8in Single Turn 20K.....	£0.65
23-2236	Cermet Potentiometers 3/8in Single Turn 50K.....	£0.65
23-2237	Cermet Potentiometers 3/8in Single Turn 100K...	£0.65
23-2238	Cermet Potentiometers 3/8in Single Turn 200K...	£0.65
23-2239	Cermet Potentiometers 3/8in Single Turn 500K...	£0.65
23-2240	Cermet Potentiometers 3/8in Single Turn 1M.....	£0.65
23-2214	Cermet Potentiometers 3/8in Single Turn 2M.....	£0.65

TRIMMING TOOLS

ECE ALIGNMENT TOOL KIT a 6 piece alignment kit for TV's, monitors, radios, Hi-Fi etc. The tools are moulded from tough plastic, double ended giving a range of sizes, an extension tube is supplied. Length overall 135mm.



CODE	TYPE	PRICE
SD13CA	6 Piece Alignment Tool Kit YO13CA.....	£3.99

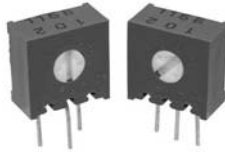
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 OUTSIDE OF OUR SHOP**

SQUIRES MODEL & CRAFT TOOLS

3/8in SINGLE TURN VERTICALLY MOUNTED CERMET POTENTIOMETER a range of fully enclosed 9.5mm single turn cermet potentiometers. Sealed to protect against industrial cleaning solvents and harsh environments and available in two pin layouts. Offering high performance with high dependability and easily adjusted via large diameter shaft. They have moulded PCB stand offs and are suitable for use in a wide variety of applications.

Technical Specification

Operating voltage: 300V max.
 Power rating: 0.5W
 Total resistance range: 10Ω to 2MΩ
 Tolerance: ±10%
 Temperature range: -10°C to +70°C
 Rotation angle: 300° ±10°
 Operating torque: 20 - 300gf
 Rotational life: 200 cycles



CODE	TYPE	PRICE
WR3386W Straight Pin		
23-0203	Cermet Potentiometers 3/8in Single Turn 10R.....	£0.65
23-0204	Cermet Potentiometers 3/8in Single Turn 20R.....	£0.65
23-0206	Cermet Potentiometers 3/8in Single Turn 50R.....	£0.65
23-0171	Cermet Potentiometers 3/8in Single Turn 100R...	£0.65
23-0172	Cermet Potentiometers 3/8in Single Turn 200R...	£0.65
23-0173	Cermet Potentiometers 3/8in Single Turn 500R...	£0.65
23-0174	Cermet Potentiometers 3/8in Single Turn 1K.....	£0.65
23-0175	Cermet Potentiometers 3/8in Single Turn 2K.....	£0.65
23-0176	Cermet Potentiometers 3/8in Single Turn 5K.....	£0.65
23-0177	Cermet Potentiometers 3/8in Single Turn 10K.....	£0.65
23-0178	Cermet Potentiometers 3/8in Single Turn 20K.....	£0.65
23-0207	Cermet Potentiometers 3/8in Single Turn 25K.....	£0.65
23-0179	Cermet Potentiometers 3/8in Single Turn 50K.....	£0.65
23-2180	Cermet Potentiometers 3/8in Single Turn 100K...	£0.65
23-0181	Cermet Potentiometers 3/8in Single Turn 200K...	£0.65
23-0182	Cermet Potentiometers 3/8in Single Turn 500K...	£0.65
23-0183	Cermet Potentiometers 3/8in Single Turn 1M.....	£0.65
WR3386X Offset Pin		
23-0197	Cermet Potentiometers 3/8in Single Turn 10R.....	£0.65
23-0198	Cermet Potentiometers 3/8in Single Turn 20R.....	£0.65
23-0199	Cermet Potentiometers 3/8in Single Turn 50R.....	£0.65
23-0184	Cermet Potentiometers 3/8in Single Turn 100R...	£0.65
23-0185	Cermet Potentiometers 3/8in Single Turn 200R...	£0.65
23-0186	Cermet Potentiometers 3/8in Single Turn 500R...	£0.65
23-0187	Cermet Potentiometers 3/8in Single Turn 1K.....	£0.65
23-0188	Cermet Potentiometers 3/8in Single Turn 2K.....	£0.65
23-0189	Cermet Potentiometers 3/8in Single Turn 5K.....	£0.65
23-0190	Cermet Potentiometers 3/8in Single Turn 10K.....	£0.65
23-0191	Cermet Potentiometers 3/8in Single Turn 20K.....	£0.65
23-0201	Cermet Potentiometers 3/8in Single Turn 25K.....	£0.65
23-0192	Cermet Potentiometers 3/8in Single Turn 50K.....	£0.65
23-2193	Cermet Potentiometers 3/8in Single Turn 100K...	£0.65
23-0194	Cermet Potentiometers 3/8in Single Turn 200K...	£0.65
23-0195	Cermet Potentiometers 3/8in Single Turn 500K...	£0.65
23-0196	Cermet Potentiometers 3/8in Single Turn 1M.....	£0.65

TRIMMING TOOLS

TRIM TOOL a long shaft screwdriver type trim tool for TV's and monitors etc. The flat blade is moulded into the solid plastic shaft which has a moulded handle. Length overall 195mm.



CODE	TYPE	PRICE
SD13CC	Trim Tool YO13CC.....	£1.45

3/8in CERMET SINGLE TURN POTENTIOMETERS a range of 3/8" mini single turn cermet potentiometers sealed to withstand industrial solvents and employs a unique multi-finger wiper design to ensure excellent noise and stability characteristics. Sold individually.

Technical Specification

Tolerance 10%
 End Resistance 1% or 2Ω
 Power Rating 0.5W @70°C
 Dielectric Strength 900V AC
 Temp. Coefficient ±100ppm/°C
 Temp. Range -55°C to +125°C



CODE	TYPE	PRICE
685-600	Potentiometer Cermet 3/8" 0.5w 200R.....	£1.20
685-605	Potentiometer Cermet 3/8" 0.5w 500R.....	£1.20
685-610	Potentiometer Cermet 3/8" 0.5w 1K.....	£1.20
685-615	Potentiometer Cermet 3/8" 0.5w 2K.....	£1.20
685-620	Potentiometer Cermet 3/8" 0.5w 5K.....	£1.20
685-625	Potentiometer Cermet 3/8" 0.5w 10K.....	£1.20
685-630	Potentiometer Cermet 3/8" 0.5w 20K.....	£1.20
685-635	Potentiometer Cermet 3/8" 0.5w 50K.....	£1.20
685-640	Potentiometer Cermet 3/8" 0.5w 100K.....	£1.20
685-642	Potentiometer Cermet 3/8" 0.5w 200K.....	£1.20
685-645	Potentiometer Cermet 3/8" 0.5w 500K.....	£1.20
685-647	Potentiometer Cermet 3/8" 0.5w 1M.....	£1.20

1/4in SINGLE TURN CERMET POTENTIOMETER a series of fully enclosed miniature 6.8mm single turn cermet potentiometers. Sealed to protect against industrial cleaning solvents and harsh environments. They are suitable for use in a wide variety of applications, high performance with high dependability and easily adjusted via a large diameter shaft. 2.5mm pitch spacing.

Technical Specification

Operating voltage: 300V max.
 Power rating: 0.5W
 Total resistance range: 10Ω to 500kΩ
 Tolerance: ±10%
 Temperature range: -10°C to +70°C
 Rotation angle: 270° ±10°
 Operating torque: 30 - 350gf
 Rotational life: 200 cycles



CODE	TYPE	PRICE
23-2280	Cermet Potentiometers 1/4in Single Turn 10R....	£0.60
23-2281	Cermet Potentiometers 1/4in Single Turn 20R....	£0.60
23-2282	Cermet Potentiometers 1/4in Single Turn 50R....	£0.60
23-2283	Cermet Potentiometers 1/4in Single Turn 100R...	£0.60
23-2284	Cermet Potentiometers 1/4in Single Turn 200R...	£0.60
23-2285	Cermet Potentiometers 1/4in Single Turn 500R...	£0.60
23-2286	Cermet Potentiometers 1/4in Single Turn 1K.....	£0.60
23-2287	Cermet Potentiometers 1/4in Single Turn 2K.....	£0.60
23-2288	Cermet Potentiometers 1/4in Single Turn 5K.....	£0.60
23-2289	Cermet Potentiometers 1/4in Single Turn 10K....	£0.60
23-2290	Cermet Potentiometers 1/4in Single Turn 20K....	£0.60
23-2291	Cermet Potentiometers 1/4in Single Turn 50K....	£0.60
23-2292	Cermet Potentiometers 1/4in Single Turn 100K...	£0.60
23-2293	Cermet Potentiometers 1/4in Single Turn 200K...	£0.60
23-2294	Cermet Potentiometers 1/4in Single Turn 500K...	£0.60

TRIMMING TOOLS

TRIM TOOL a good quality insulated plastic double ended trim tool with metal blades and pocket clip. Suitable for pot cores etc. Length 132mm.



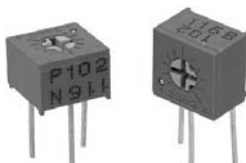
CODE	TYPE	PRICE
SD13CE	Trim Tool YO13CE.....	£1.99

SQUIRES ELECTRONIC COMPONENTS

1/4in SINGLE TURN CERMET POTENTIOMETER a range of miniature single turn cermet potentiometers, sealed to withstand industrial cleaning solvents and harsh environments with moulded PCB stand offs. They are used for trimming the value of a resistor, and are commonly used for calibrating instruments. The unique multifinger wiper design ensures excellent noise and stability characteristics. Available in both horizontal and vertical options.

Technical Specification

Operating voltage: 300V max.
 Power rating: 0.5W
 Total resistance: 100Ω to 2MΩ
 Tolerance: ±10%
 Temperature range: -10°C to +70°C



CODE	TYPE	PRICE
3362P series - horizontal		
23-2041	Cermet Potentiometers 1/4in Single Turn 100R...	£0.45
23-2242	Cermet Potentiometers 1/4in Single Turn 200R...	£0.45
23-2043	Cermet Potentiometers 1/4in Single Turn 500R...	£0.45
23-2244	Cermet Potentiometers 1/4in Single Turn 1K.....	£0.45
23-2045	Cermet Potentiometers 1/4in Single Turn 2K.....	£0.45
23-2246	Cermet Potentiometers 1/4in Single Turn 5K.....	£0.45
23-2047	Cermet Potentiometers 1/4in Single Turn 10K.....	£0.45
23-2248	Cermet Potentiometers 1/4in Single Turn 20K.....	£0.45
23-2049	Cermet Potentiometers 1/4in Single Turn 50K.....	£0.45
23-2250	Cermet Potentiometers 1/4in Single Turn 100K...	£0.45
23-2051	Cermet Potentiometers 1/4in Single Turn 200K...	£0.45
23-2252	Cermet Potentiometers 1/4in Single Turn 500K...	£0.45
23-2053	Cermet Potentiometers 1/4in Single Turn 1M.....	£0.45
3362W series - vertical		
23-2045	Cermet Potentiometers 1/4in Single Turn 100R...	£0.45
23-2055	Cermet Potentiometers 1/4in Single Turn 200R...	£0.45
23-2056	Cermet Potentiometers 1/4in Single Turn 500R...	£0.45
23-2057	Cermet Potentiometers 1/4in Single Turn 1K.....	£0.45
23-2058	Cermet Potentiometers 1/4in Single Turn 2K.....	£0.45
23-2059	Cermet Potentiometers 1/4in Single Turn 5K.....	£0.45
23-2060	Cermet Potentiometers 1/4in Single Turn 10K.....	£0.45
23-2061	Cermet Potentiometers 1/4in Single Turn 20K.....	£0.45
23-2062	Cermet Potentiometers 1/4in Single Turn 50K.....	£0.45
23-2063	Cermet Potentiometers 1/4in Single Turn 100K...	£0.45
23-2064	Cermet Potentiometers 1/4in Single Turn 200K...	£0.45
23-2065	Cermet Potentiometers 1/4in Single Turn 500K...	£0.45
23-2066	Cermet Potentiometers 1/4in Single Turn 1M.....	£0.45

TRIMMING TOOLS

10 PIECE TRIM TOOL SET a 10 piece set of tools moulded from tough plastic. Designed for the alignment of any combination of cores requiring hex, square, flat and recessed type trimming tools. Length overall 115mm.

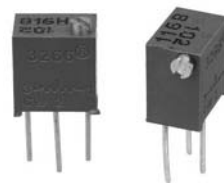


CODE	TYPE	PRICE
SD13CF	10 Piece Trim Tool Set YO13CF.....	£3.99

1/4in MULTITURN CERMET POTENTIOMETERS a range of multi-turn cermet potentiometers of robust construction, sealed to withstand industrial cleaning solvents and harsh environments. Available in both top adjust and side adjust options. The Housing incorporates PCB stand-offs and slipping clutch end stops.

Technical Specification

Operating voltage: 300V max.
 Power rating: 0.5W
 Total resistance: 100Ω to 2MΩ
 Tolerance: ±10%
 Temperature range: -10°C to +70°C



CODE	TYPE	PRICE
3366W series - top adjust		
23-0067	Cermet Potentiometers 1/4in Multi Turn 100R.....	£1.49
23-0068	Cermet Potentiometers 1/4in Multi Turn 200R.....	£1.49
23-0069	Cermet Potentiometers 1/4in Multi Turn 500R.....	£1.49
23-0070	Cermet Potentiometers 1/4in Multi Turn 1K.....	£1.49
23-0071	Cermet Potentiometers 1/4in Multi Turn 2K.....	£1.49
23-0072	Cermet Potentiometers 1/4in Multi Turn 5K.....	£1.49
23-0073	Cermet Potentiometers 1/4in Multi Turn 10K.....	£1.49
23-0074	Cermet Potentiometers 1/4in Multi Turn 20K.....	£1.49
23-0075	Cermet Potentiometers 1/4in Multi Turn 50K.....	£1.49
23-0076	Cermet Potentiometers 1/4in Multi Turn 100K.....	£1.49
23-0077	Cermet Potentiometers 1/4in Multi Turn 200K.....	£1.49
23-0078	Cermet Potentiometers 1/4in Multi Turn 500K.....	£1.49
23-0079	Cermet Potentiometers 1/4in Multi Turn 1M.....	£1.49
3366X series - side adjust		
23-0080	Cermet Potentiometers 1/4in Multi Turn 100R.....	£1.49
23-0081	Cermet Potentiometers 1/4in Multi Turn 200R.....	£1.49
23-0082	Cermet Potentiometers 1/4in Multi Turn 500R.....	£1.49
23-0083	Cermet Potentiometers 1/4in Multi Turn 1K.....	£1.49
23-0084	Cermet Potentiometers 1/4in Multi Turn 2K.....	£1.49
23-0085	Cermet Potentiometers 1/4in Multi Turn 5K.....	£1.49
23-0086	Cermet Potentiometers 1/4in Multi Turn 10K.....	£1.49
23-0087	Cermet Potentiometers 1/4in Multi Turn 20K.....	£1.49
23-0088	Cermet Potentiometers 1/4in Multi Turn 50K.....	£1.49
23-0089	Cermet Potentiometers 1/4in Multi Turn 100K.....	£1.49
23-0090	Cermet Potentiometers 1/4in Multi Turn 200K.....	£1.49
23-0091	Cermet Potentiometers 1/4in Multi Turn 500K.....	£1.49
23-0092	Cermet Potentiometers 1/4in Multi Turn 1M.....	£1.49

TRIMMING TOOLS

10 PIECE TRIMMING TOOL SET a set of 10 trimming tools for the delicate trimming of electronic equipment. Manufactured from thermoplastic material. Includes slotted, hexagonal and square types.



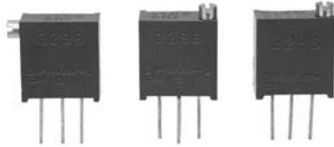
CODE	TYPE	PRICE
010-485	CK Trimming Tool Set 10 Piece.....	£6.75

**FREE PARKING FOR 2 HOURS
OUTSIDE OF OUR SHOP**

**WHEN PLACING AN ORDER PLEASE
USE THE FULL ORDER CODE
INCLUDING ANY PUNCTUATION**

SQUIRES MODEL & CRAFT TOOLS

3/4in MULTITURN CERMET POTENTIOMETERS a range of high quality 25 turn cermet potentiometers of robust construction, fully sealed to withstand industrial cleaning solvents and harsh environments. Available in both top adjust and side adjust options. The Housing incorporates PCB stand-offs and slipping clutch end stops. Suitable for mounting onto PCBs horizontally or vertically.



Technical Specification

Operating voltage: 640V for 1 minute
 Power rating: 0.5W
 Total resistance: 10Ω to 2MΩ
 Tolerance: ±10%
 Temperature range: -10°C to +70°C

CODE	TYPE	PRICE
3296W series - top adjust		
23-1938	Cermet Potentiometers 3/4in Multi Turn 10R.....	£0.45
23-1940	Cermet Potentiometers 3/4in Multi Turn 100R.....	£0.45
23-1941	Cermet Potentiometers 3/4in Multi Turn 200R.....	£0.45
23-1942	Cermet Potentiometers 3/4in Multi Turn 500R.....	£0.45
23-1943	Cermet Potentiometers 3/4in Multi Turn 1K.....	£0.45
23-1944	Cermet Potentiometers 3/4in Multi Turn 2K.....	£0.45
23-1945	Cermet Potentiometers 3/4in Multi Turn 5K.....	£0.45
23-1946	Cermet Potentiometers 3/4in Multi Turn 10K.....	£0.45
23-1947	Cermet Potentiometers 3/4in Multi Turn 20K.....	£0.45
23-1948	Cermet Potentiometers 3/4in Multi Turn 50K.....	£0.45
23-1949	Cermet Potentiometers 3/4in Multi Turn 100K.....	£0.45
23-1950	Cermet Potentiometers 3/4in Multi Turn 200K.....	£0.45
23-1951	Cermet Potentiometers 3/4in Multi Turn 500K.....	£0.45
23-1952	Cermet Potentiometers 3/4in Multi Turn 1M.....	£0.45
23-1939	Cermet Potentiometers 3/4in Multi Turn 2M.....	£0.45
3296X series - side adjust		
23-1936	Cermet Potentiometers 3/4in Multi Turn 10R.....	£0.45
23-1953	Cermet Potentiometers 3/4in Multi Turn 100R.....	£0.45
23-1954	Cermet Potentiometers 3/4in Multi Turn 200R.....	£0.45
23-1955	Cermet Potentiometers 3/4in Multi Turn 500R.....	£0.45
23-1956	Cermet Potentiometers 3/4in Multi Turn 1K.....	£0.45
23-1957	Cermet Potentiometers 3/4in Multi Turn 2K.....	£0.45
23-1958	Cermet Potentiometers 3/4in Multi Turn 5K.....	£0.45
23-1959	Cermet Potentiometers 3/4in Multi Turn 10K.....	£0.45
23-1960	Cermet Potentiometers 3/4in Multi Turn 20K.....	£0.45
23-1961	Cermet Potentiometers 3/4in Multi Turn 50K.....	£0.45
23-1962	Cermet Potentiometers 3/4in Multi Turn 100K.....	£0.45
23-1963	Cermet Potentiometers 3/4in Multi Turn 200K.....	£0.45
23-1964	Cermet Potentiometers 3/4in Multi Turn 500K.....	£0.45
23-1965	Cermet Potentiometers 3/4in Multi Turn 1M.....	£0.45
23-1937	Cermet Potentiometers 3/4in Multi Turn 2M.....	£0.45
3296Y series - top adjust		
23-1934	Cermet Potentiometers 3/4in Multi Turn 10R.....	£0.45
23-1966	Cermet Potentiometers 3/4in Multi Turn 100R.....	£0.45
23-1967	Cermet Potentiometers 3/4in Multi Turn 200R.....	£0.45
23-1968	Cermet Potentiometers 3/4in Multi Turn 500R.....	£0.45
23-1969	Cermet Potentiometers 3/4in Multi Turn 1K.....	£0.45
23-1970	Cermet Potentiometers 3/4in Multi Turn 2K.....	£0.45
23-1971	Cermet Potentiometers 3/4in Multi Turn 5K.....	£0.45
23-1972	Cermet Potentiometers 3/4in Multi Turn 10K.....	£0.45
23-1973	Cermet Potentiometers 3/4in Multi Turn 20K.....	£0.45
23-1974	Cermet Potentiometers 3/4in Multi Turn 50K.....	£0.45
23-1975	Cermet Potentiometers 3/4in Multi Turn 100K.....	£0.45
23-1976	Cermet Potentiometers 3/4in Multi Turn 200K.....	£0.45
23-1977	Cermet Potentiometers 3/4in Multi Turn 500K.....	£0.45
23-1978	Cermet Potentiometers 3/4in Multi Turn 1M.....	£0.45
23-1935	Cermet Potentiometers 3/4in Multi Turn 2M.....	£0.45

12 TURN CERMET POTENTIOMETERS

CERMET 1/4" 12 TURN POTENTIOMETERS a range of quality, top adjust multi-turn cermet potentiometers of robust construction sealed to withstand industrial solvents. The housing incorporates PCB stand offs and a slipping clutch mechanism protects the end stops from over winding. Sold individually.

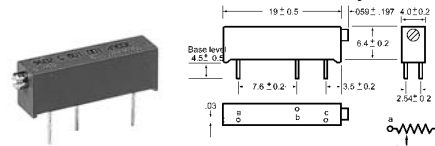
Technical Specification
 Tolerance 10%
 End Resistance 1% or 2Ω
 Power Rating 0.25W @70°C
 Dielectric Strength 600V AC
 Temp. Coefficient ±100ppm/°C
 Temp. Range -55°C to +125°C
 Electrical Rotation 12 Turns Nominal.



CODE	TYPE	PRICE
685-650	Potentiometer Cermet 12 Tn 0.25w 500R.....	£2.99
685-655	Potentiometer Cermet 12 Tn 0.25w 1K.....	£2.99
685-660	Potentiometer Cermet 12 Tn 0.25w 2K.....	£2.99
685-665	Potentiometer Cermet 12 Tn 0.25w 5K.....	£2.99
685-670	Potentiometer Cermet 12 Tn 0.25w 10K.....	£2.99
685-675	Potentiometer Cermet 12 Tn 0.25w 20K.....	£2.99
685-680	Potentiometer Cermet 12 Tn 0.25w 50K.....	£2.99
685-685	Potentiometer Cermet 12 Tn 0.25w 100K.....	£2.95

15 TURN CERMET POTENTIOMETERS

MULTI-TURN CERMET POTENTIOMETERS a range of quality 3/4" type multi-turn cermet potentiometers of robust construction sealed to withstand industrial solvents. Sold individually.



Technical Specification
 Tolerance 10%
 End Resistance 2Ω max
 Power Rating 0.75W @70°C
 Dielectric Strength 315V DC or AC rms
 Temp. Coefficient 100ppm/°C
 Temp. Range -55°C to +125°C
 Electrical Rotation 15 Turns
 Pin Diameter 0.6mm

CODE	TYPE	PRICE
685-700	Potentiometer Cermet 15 Tn 0.75w 10R.....	£1.69
685-705	Potentiometer Cermet 15 Tn 0.75w 20R.....	£1.69
685-715	Potentiometer Cermet 15 Tn 0.75w 100R.....	£1.69
685-720	Potentiometer Cermet 15 Tn 0.75w 200R.....	£1.69
685-725	Potentiometer Cermet 15 Tn 0.75w 500R.....	£1.69
685-730	Potentiometer Cermet 15 Tn 0.75w 1K.....	£1.69
685-735	Potentiometer Cermet 15 Tn 0.75w 2K.....	£1.69
685-740	Potentiometer Cermet 15 Tn 0.75w 5K.....	£1.69
685-745	Potentiometer Cermet 15 Tn 0.75w 10K.....	£1.69
685-750	Potentiometer Cermet 15 Tn 0.75w 20K.....	£1.69
685-755	Potentiometer Cermet 15 Tn 0.75w 50K.....	£1.69
685-760	Potentiometer Cermet 15 Tn 0.75w 100K.....	£1.69
685-765	Potentiometer Cermet 15 Tn 0.75w 200K.....	£1.69
685-770	Potentiometer Cermet 15 Tn 0.75w 500K.....	£1.69

TRIMMING TOOLS

TRIM TOOL a long shaft screwdriver type trim tool for TV's and monitors etc. The flat blade is moulded into the solid plastic shaft which has a moulded handle. Length overall 195mm.



CODE	TYPE	PRICE
SD13CC	Trim Tool YO13CC.....	£1.45