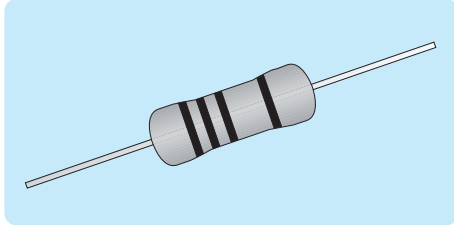


### EUROHM type WR250

A range of axial lead wirewound resistors manufactured to a high level of specification yet offered at very competitive pricing. Rated 2.5W at 70°C and 3.0W at 40°C. Rugged construction throughout with protection by a flameproof silicone cement coating. Test methods in accordance with JIS-C-5202. Choice of loose product or taped in ammo-boxes. May replace 74ER, W21 and AC03.



- ◆ 2.5W/3.0W rating
- ◆ Rugged construction
- ◆ Flameproof silicone coating
- ◆ Low cost
- ◆ 4 band colour code
- ◆ Choice of loose or taped

#### LOOSE

Value Ω	anglia Order Code	Value Ω	anglia Order Code
0R1	011108E	10R	011100E
0R15	011158E	12R	011120E
0R18	011188E	15R	011150E
0R22	011228E	18R	011180E
0R33	011338E	22R	011220E
0R47	011478E	27R	011270E
0R68	011688E	33R	011330E
		39R	011390E
1R0	011109E	47R	011470E
1R2	011129E	56R	011560E
1R5	011159E	68R	011680E
1R8	011189E	82R	011820E
2R2	011229E		
2R7	011279E	100R	011101E
3R3	011339E	120R	011121E
3R9	011399E	150R	011151E
4R7	011479E	180R	011181E
5R6	011569E	220R	011221E
6R8	011689E	270R	011271E
8R2	011829E	330R	011331E
		390R	011391E
		470R	011471E

#### TAPED

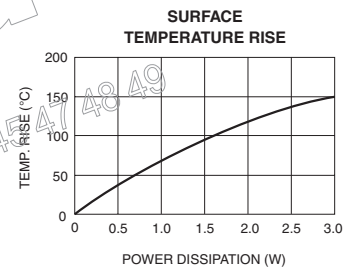
Value Ω	anglia Order Code	Value Ω	anglia Order Code
0R1	011108ET	10R	011100ET
0R15	011158ET	12R	011120ET
0R18	011188ET	15R	011150ET
0R22	011228ET	18R	011180ET
0R33	011338ET	22R	011220ET
0R47	011478ET	27R	011270ET
0R68	011688ET	33R	011330ET
		39R	011390ET
1R0	011109ET	47R	011470ET
1R2	011129ET	56R	011560ET
1R5	011159ET	68R	011680ET
1R8	011189ET	82R	011820ET
2R2	011229ET		
2R7	011279ET	100R	011101ET
3R3	011339ET	120R	011121ET
3R9	011399ET	150R	011151ET
4R7	011479ET	180R	011181ET
5R6	011569ET	220R	011221ET
6R8	011689ET	270R	011271ET
8R2	011829ET	330R	011331ET
		390R	011391ET
		470R	011471ET

#### Specification

Power rating.....	2.5 Watt at 70°C 3.0 Watt at 40°C derate to zero at 275°C
Resistance tolerance.....	±5%
Temperature coefficient.....	±300ppm/°C (values ≥ 22R) ±400ppm/°C (values < 22R)
Operating temperature range.....	-40°C to +275°C

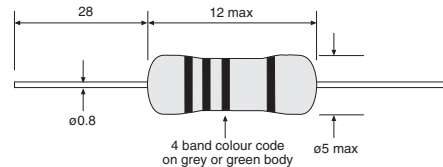
#### Test performance (resistance stability)

Short term overload.....	±(2% +0.05R)
Vibration.....	±(1% +0.05R)
Temperature cycling.....	±(1% +0.05R)
Soldering heat.....	±(1% +0.05R)
Damp heat cycling.....	±(5% +0.05R)
Endurance, 1000 hours.....	±(5% +0.05R)

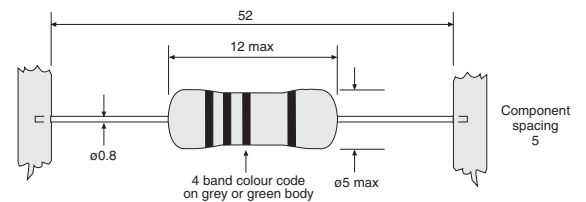


#### Dimensions (mm)

##### LOOSE

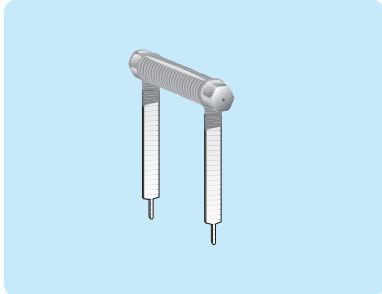


##### TAPED



### EUROHM type F2P, F4P

High profile, radial resistors designed for snap-fit insertion. Offer a high power dissipation for their small component size with their bodies protected by a flameproof silicone cement coating. Choice of 2W (10mm pitch) and 4W (15mm pitch), each profiled in E12 selection with a resistance tolerance of 5%. Suitable for a wide range of applications and ideal in switch mode power supplies. Supplied loose.

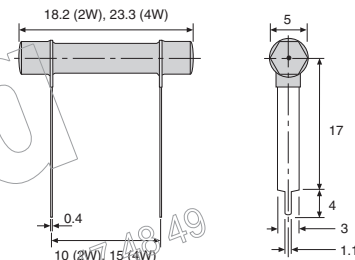


- ◆ Choice of **2W** or **4W** rating
- ◆ High power dissipation to size ratio
- ◆ Flameproof silicone coating
- ◆ **Snap-fit** insertion
- ◆ Standard **10mm** or **15mm** pitch
- ◆ **E12** range from **0R1** (2W) to **2K7** (4W)
- ◆ **5%** tolerance
- ◆ Supplied loose

#### Specification

Power rating.....	2 Watt or 4 Watt at 70°C derate to zero at 275°C
Resistance tolerance .....	±5%
Temperature coefficient (over -20°C to +120°C) 2 Watt & 4 Watt	
<1R0 .....	±600ppm/°C
1R0 - 10R .....	±450ppm/°C
>10R .....	±200ppm/°C
Operating temperature range .....	-55°C to +275°C
Max working voltage .....	$\sqrt{P \times R}$ where P=power rating at 70°C, R=resistance value
Test performance (resistance stability)	
Short term overload .....	±2%
Damp heat (steady state).....	±5%
Endurance, 1000 hours .....	±5%

#### Dimensions (mm)



Alpha-numeric resistance code printed on body

## 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](http://www.anglia.com/eurohm)

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

### EUROHM type F2P, F4P

**2 Watt**

type F2P 10mm pitch

Value $\Omega$	anglia Order Code	Value $\Omega$	anglia Order Code	Value $\Omega$	anglia Order Code
0R10	023108	10R	023100	1K0	023102
0R12	023128	12R	023120	1K2	023122
0R15	023158	15R	023150	1K5	023152
0R18	023188	18R	023180	1K8	023182
0R22	023228	22R	023220		
0R27	023278	27R	023270		
0R33	023338	33R	023330		
0R39	023398	39R	023390		
0R47	023478	47R	023470		
0R56	023568	56R	023560		
0R68	023688	68R	023680		
0R82	023828	82R	023820		
1R0	023109	100R	023101		
1R2	023129	120R	023121		
1R5	023159	150R	023151		
1R8	023189	180R	023181		
2R2	023229	220R	023221		
2R7	023279	270R	023271		
3R3	023339	330R	023331		
3R9	023399	390R	023391		
4R7	023479	470R	023471		
5R6	023569	560R	023561		
6R8	023689	680R	023681		
8R2	023829	820R	023821		

**4 Watt**

type F4P 15mm pitch

Value $\Omega$	anglia Order Code	Value $\Omega$	anglia Order Code	Value $\Omega$	anglia Order Code
0R39	024398	10R	024100	270R	024271
0R47	024478	12R	024120	330R	024331
0R56	024568	15R	024150	390R	024391
0R68	024688	18R	024180	470R	024471
0R82	024828	22R	024220	560R	024561
1R0	024109	27R	024270	680R	024681
1R2	024129	33R	024330	820R	024821
1R5	024159	39R	024390		
1R8	024189	47R	024470	1K0	024102
2R2	024229	56R	024560	1K2	024122
2R7	024279	68R	024680	1K5	024152
3R3	024339	82R	024820	1K8	024182
3R9	024399			2K2	024222
4R7	024479	100R	024101	2K7	024272
5R6	024569	120R	024121		
6R8	024689	150R	024151		
8R2	024829	180R	024181		
		220R	024221		