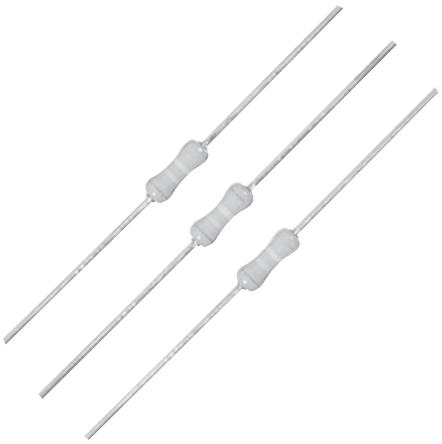
Jumper Resistors

WL4 Series



Features

- Insulated body allows WL4 to be passed over tracks without short circuiting
- Can be tape mounted for auto-insertion machines
- Removes the need for double sided PC boards in some cases

All Pb-free parts comply with EU Directive 2011/65/EU amended by (EU) 2015/863 (RoHS3)

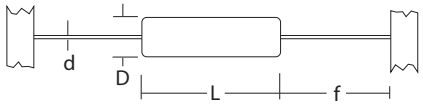
Electrical Data

		WL4	Notes
Resistance	ohms	0.03 max. 0.01 typ.	Measured on 18mm contact pitch
Current carrying capacity	amps	5 max.	
Isolation voltage	volts	500	dc or ac peak
Insulation resistance	ohms	> 1G	

Physical Data

Dimensions (mm)

Type	L Max	D Max	f min	d nom	PCB mounting centres	Min. bend radius
WL4	6.2	2.5	21.0	0.6	10.2	0.6



Construction

Termination wires are welded to a very low resistance body. The body is then protected by a moisture resistance high dielectric strength coating applied so that the terminations remain completely clear. This permits a well defined body length (clean lead to clean lead dimension L).

Materials

Material Solder-coated copper wire.

Strength The materials meet the requirements of IEC 68.2.21

Solderability The terminations meet the requirements of IEC 115-1, Clause 4.17.3.2

Marking

Resistors are marked with two yellow bands placed centrally on the body.

Solvent Resistance

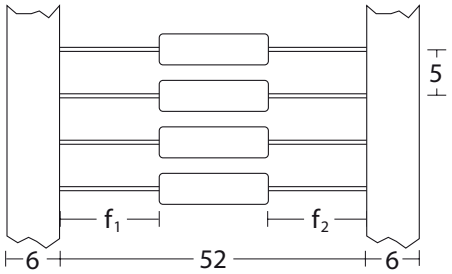
The body protection and marking are resistant to all normal industrial cleaning solvents suitable for printed circuits.

WL4 Series

Packing

WL4 parts are supplied tape packed ready for loading onto automatic sequencing and insertion machines. The standard taping method and critical dimensions are shown below. Component wires will not protrude beyond the outside edge of the tapes.

Alternative packaging available by request.



Body location $f_1 - f_2 \leq 1.4$ mm

Ordering Procedure

WL4-R005JI (WL4, zero-ohm jumper, Pb-free)

W	L	4	-	R	0	0	5	J	I
1				2					3

1 Type	2[1] Dummy Value & Tolerance	3 Packing & Termination Finish	
WL4	R005J = zero-ohm jumper	I = Ammo pack, Pb-free	
		WL4	5000/box

Note 1 – legacy part numbers may omit the dummy value & tolerance code.