

Specification for Approval

Customer : DACHS ELECTRONICA, S.A.

Product Name: LEAD-FREE JUMPER WIRES

Part Name : ZW-A、B、C、D、F

Part No. : ZW*000000000**

88 Longteng Road, Economic & Technical Development Zone, Kunshan City,
Jiangsu, China 215301

TEL: 86 512 57631400/1411 / 1422 / 1433

FAX: 86 512 57631431

E-mail: globalsales@uniohm.com localsales@uniohm.com

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昆山厚聲電子工業有限公司
UNIROYAL ELECTRONICS INDUSTRY (KUNSHAN) CO., LTD.



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ISO14001



ISO/TS16949



244546



245468



REG.-Nr.A759

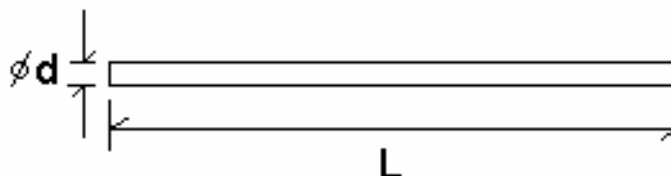


CQC04001010656

1.0 Scope:

This specification for approve relates to Lead Free Jumper Wires manufactured by UNIOHM.

2.0 Dimension (mm):



TYPE	$d \pm 0.05$	$L \pm 3$	REMARK
ZW-A	0.45	60	
ZW-B	0.55	60	
ZW-B1	0.60	60	
ZW-C	0.65	60	
ZW-D	0.75	60	
ZW-F	1.00	60	

3.0 Confirmation list of material:

No.	Part name	Material name	Remark
1	Lead	Tin plated copper	

4.0 Characteristic:

Requirements	Characteristics
Lead material	Tin-plated copper.
Resistance Range	$\leq 50m \Omega$

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5.0 Explanation of Part No. System

The standard Part No. includes 14 digits with the following explanation:

5.1 Jumper Wire, the 1st to 3rd digits are to indicate the product type and 4th digit is the special feature.

Example: ZWB0= Jumper wire type-B.

5.2 5th~6th digits:

For jumper Wire resistors, The 5th & 6th digits will be indicated with “00”

5.3 The 7th digit is to denote the Resistance Tolerance. For jumper Wire resistors, The 7th digits will be indicated with “0”

5.4 The 8th to 11th digits is to denote the Resistance Value.

5.4.1 For jumper Wire resistors, The 8th~11th digits will be indicated with “0000”

5.4.2 The 12th, 13th & 14th digits.

The 12th digit is to denote the Packaging Type with the following codes:

- A=Tape/Box (Ammo pack) B=Bulk/Box
- T=Tape/Reel P=Tape/Box of PT-26 products

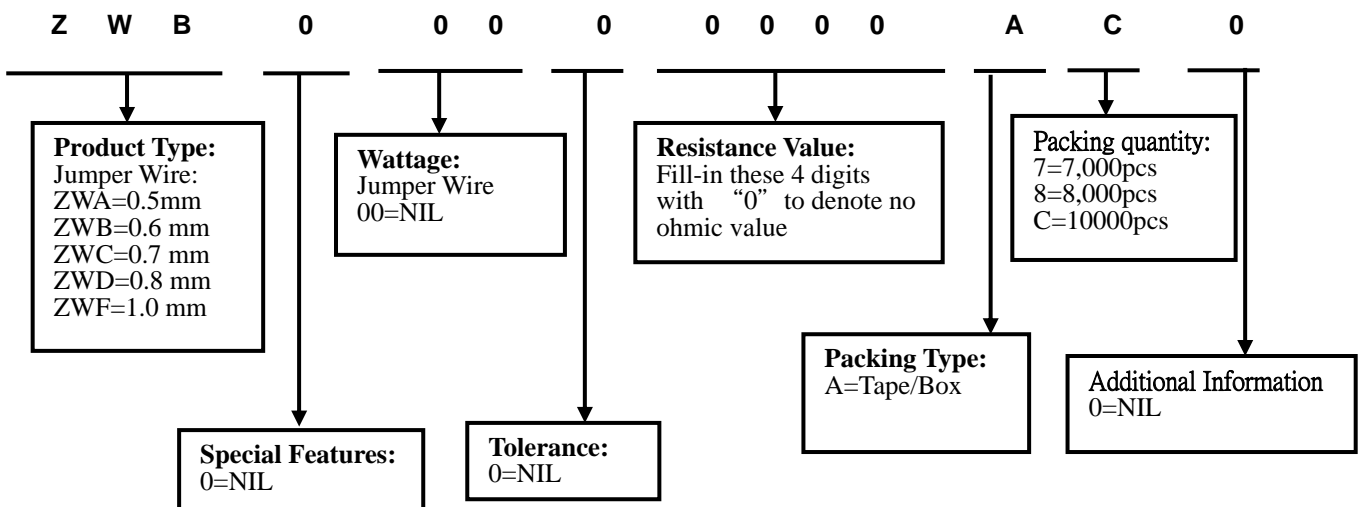
5.4.3 The 13th digit is normally to indicate the Packing Quantity of Tape/Box & Tape/Reel packaging types. The following letter codes are to be used for some packing quantities:

- A=500pcs B=2500pcs C=10000pcs
- D=20000pcs G=25000pcs H=50000PCS

5.4.4 For some items, the 14th digit alone can use to denote special features of additional information with the following codes:

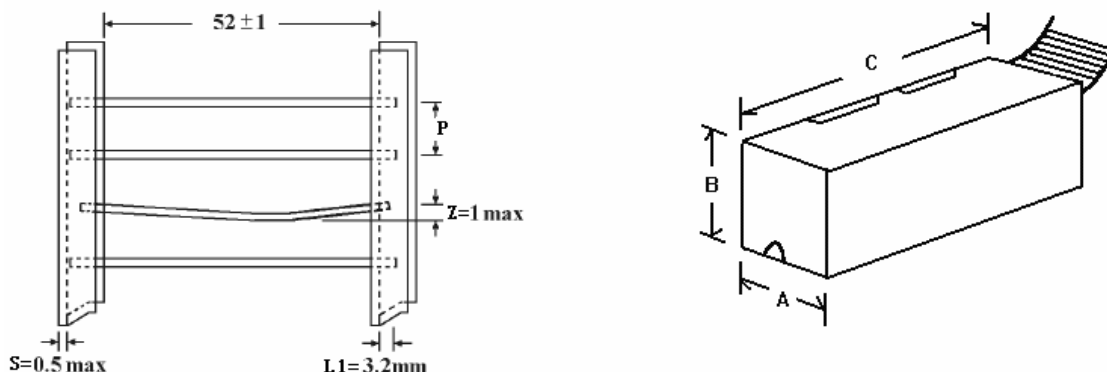
0=NIL

6.0 Ordering Procedure (Example: ZW-B 0.60mm T/B-10000)



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7.0 Taping packing:



Dimension: mm

Type	O±1	P±0.3	W(A)±5	H(B) ±5	L(C) ±5	Quantity/box
ZW-A	52	5	75	98	255	10,000PCS
ZW-B	52	5	75	116	255	10,000PCS
ZW-C	52	5	75	116	255	8,000PCS
ZW-D	52	5	75	116	255	8,000PCS
ZW-F	52	5	75	116	255	7,000PCS

8.0 Precaution for storage/Transportation:

8.1 UNIOHM recommend the storage condition temperature: 15°C~35°C, humidity :25%~75%.
(Put condition for individual product)

Even under UNIOHM recommended storage condition, solderability of products over 1 year old.
(Put condition for each product) may be degraded.

8.2 Store / transport cartons in the correct direction, which is indicated on a carton as a symbol.
Otherwise bent leads may occur due to excessive stress applied when dropping of a carton.

8.3 Product performance and soldered connections may deteriorate if the products are stored in the following places:

- a. Storage in high Electrostatic
- b. Storage in direct sunshine、rain and snow or condensation
- c. Where the products are exposed to sea winds or corrosive gases, including Cl₂, H₂S₃, NH₃, SO₂, NO₂.

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