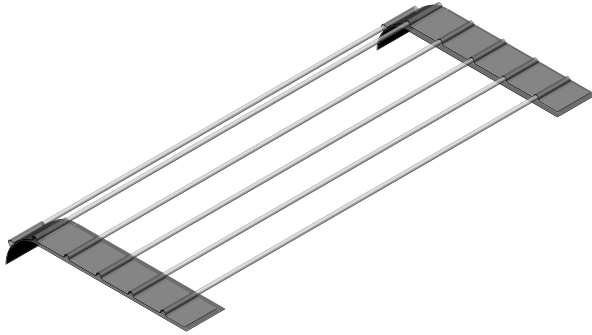


Wire Jumper



Wire Jumper is made of tinned copper wire, taped in ammo or reel packaging

FEATURES

- Available in two diameters
- Excellent solderability characteristics
- Lead (Pb)-free solder contacts
- Pure tin plating provides compatibility with lead (Pb)-free and lead containing soldering processes
- Compliant to RoHS directive 2002/95/EC



RoHS
COMPLIANT

APPLICATIONS

- General industrial applications
- General equipment
- The wire jumpers are suitable for use on cutting and bending machines and automatic insertions machines

TECHNICAL SPECIFICATIONS

DESCRIPTION	AXIAL TAPED	
	Ø 0.58 Cu	Ø 0.8 Cu
Resistance	< 0.006 Ω	
Pull-off Force	≥ 5 N	
Solderability	IEC 60115-1, 4.17	
Maximum Current at 30 °C	7.0 A	10.0 A

PART NUMBER AND PRODUCT DESCRIPTION

PART NUMBER: WIRE058000000A500

W I R E 0 5 8 0 0 0 0 0 0 0 A 5 0 0

MODEL/SIZE	VARIANT	TCR/MATERIAL	VALUE	TOLERANCE	PACKAGING ⁽¹⁾	SPECIAL
WIRE058 WIRE080	0 = Neutral	0 = Neutral	0000	0 = Neutral	A5 R5 R0	00 = Standard

PRODUCT DESCRIPTION: Wire Jumper 058 A5

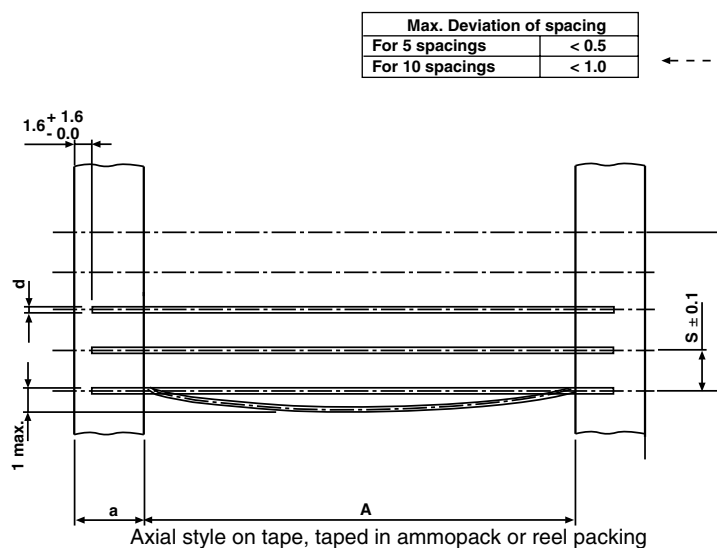
WIRE JUMPER 058	A5
MODEL/SIZE	PACKAGING ⁽¹⁾
WIRE058 WIRE080	A5 R5 R0

Notes

⁽¹⁾ Please refer to table 12NC - wire jumper type and packaging.

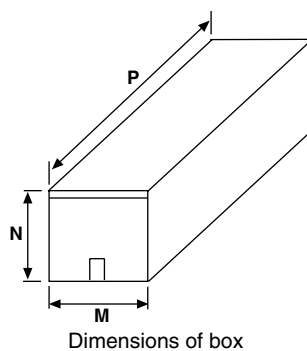
- The PART NUMBER is shown to facilitate the introduction of a unified part numbering system for ordering products.

DIMENSIONS AXIAL TAPED



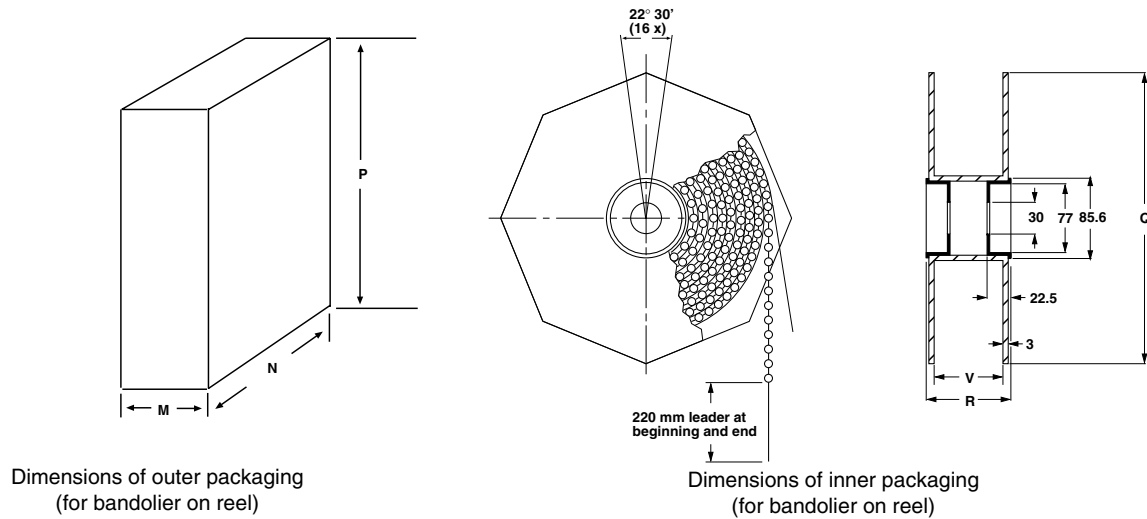
DIMENSIONS in millimeters - Resistor type and relevant physical dimensions					
TYPE	A	Ø d	a	S	MASS PER UNIT (mg)
WIRE058	52.5 ± 1.5	0.58 ± 0.05 Cu	6 ± 0.5	5	140
WIRE080		0.8 ± 0.03 Cu			249

IN BOX



TYPE	QUANTITY	M	N	P
WIRE058	5000	78	98	270
WIRE080				

ON REEL



TYPE	QUANTITY	M	N	P	Q	V	R
WIRE058	10 000	92	310	310	305	75	86
WIRE080	5000						

TESTS AND REQUIREMENTS

Essentially all tests are carried out in accordance with relevant IEC 60115-1 specification.

The tests are carried out in accordance with IEC 60068-2-xx Test Method under standard atmospheric conditions according to IEC 60068-1, 5.3.

In the Test Procedures and Requirements table, tests and requirements are listed with reference to the relevant clauses of IEC 60115-1 and IEC 60068-2-xx test methods. A short description of the test procedure is also given. All soldering tests are performed with mildly activated flux.

TEST PROCEDURES AND REQUIREMENTS				
IEC 60115-1 CLAUSE	IEC 60068-2- TEST METHOD	TEST	PROCEDURE	REQUIREMENTS
4.17	20 (Ta)	Solderability	2 s; 235 °C: Solder bath method; SnPb40 3 s; 245 °C: Solder bath method; SnAg3Cu0.5	Good tinning, no damage

12NC INFORMATION FOR HISTORICAL CODING REFERENCE

- The wire jumpers have a 12-digit numeric code starting with 2306 101.
- The remaining last 5 digits indicate the packaging quantity for 2 different types of wire diameters.

12NC Example

The 12NC code for a Ø 0.58 mm Cu wire jumper, supplied on bandolier of 5000 units in ammopack, is 2306 101 90169.

12NC - Wire jumper type and packaging				
TYPE	Ø d (mm)	QUANTITY	PACKAGING	CODE
2306 101 90169	0.58	5000	Ammo box	A5
2306 101 90182	0.80	5000	Ammo box	A5
2306 101 90201	0.58	10 000	Ammo reel	R0
2306 101 90202	0.80	5000	Ammo reel	R5



Disclaimer

ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE.

Vishay Intertechnology, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "Vishay"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained in any datasheet or in any other disclosure relating to any product.

Vishay makes no warranty, representation or guarantee regarding the suitability of the products for any particular purpose or the continuing production of any product. To the maximum extent permitted by applicable law, Vishay disclaims (i) any and all liability arising out of the application or use of any product, (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability.

Statements regarding the suitability of products for certain types of applications are based on Vishay's knowledge of typical requirements that are often placed on Vishay products in generic applications. Such statements are not binding statements about the suitability of products for a particular application. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and/or specifications may vary in different applications and performance may vary over time. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts. Product specifications do not expand or otherwise modify Vishay's terms and conditions of purchase, including but not limited to the warranty expressed therein.

Except as expressly indicated in writing, Vishay products are not designed for use in medical, life-saving, or life-sustaining applications or for any other application in which the failure of the Vishay product could result in personal injury or death. Customers using or selling Vishay products not expressly indicated for use in such applications do so at their own risk. Please contact authorized Vishay personnel to obtain written terms and conditions regarding products designed for such applications.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by any conduct of Vishay. Product names and markings noted herein may be trademarks of their respective owners.

Material Category Policy

Vishay Intertechnology, Inc. hereby certifies that all its products that are identified as RoHS-Compliant fulfill the definitions and restrictions defined under Directive 2011/65/EU of The European Parliament and of the Council of June 8, 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (EEE) - recast, unless otherwise specified as non-compliant.

Please note that some Vishay documentation may still make reference to RoHS Directive 2002/95/EC. We confirm that all the products identified as being compliant to Directive 2002/95/EC conform to Directive 2011/65/EU.

Vishay Intertechnology, Inc. hereby certifies that all its products that are identified as Halogen-Free follow Halogen-Free requirements as per JEDEC JS709A standards. Please note that some Vishay documentation may still make reference to the IEC 61249-2-21 definition. We confirm that all the products identified as being compliant to IEC 61249-2-21 conform to JEDEC JS709A standards.