

ROYALOHM

C O N F I D E N T I A L D O C U M E N T

SPECIFICATION FOR APPROVAL

TRELIK COMERCIAL IMPORTADORA LTD

Description : Zero Ohm Fixed Resistors

Royalohm Part no.:

ZOT0S3J0000A50 (CR 1/3W-S 5% 0E T/B 5,000 (Steel core type))

Approved by

Parts corresponding to RoHS Compliant: 2005-Apr.-1

Royal Electronic Factory (Thailand) Co., Ltd.

20/1-2 Moo 2 Klong-Na, Muang

Chachoengsao 24000, Thailand

Tel: +66-38-822404-8

Fax: +66 38-981190 / 823765

E-mail Address: Export sales: Export@royalohm.com

Local sales: Local@royalohm.com

<http://www.royalohm.com>

P.O. Box 251 Klongchan, Bangkok 10240, Thailand

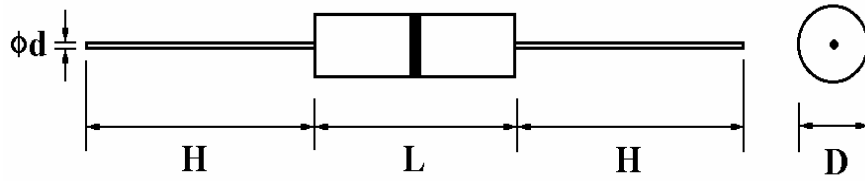
Approved	Checked	Prepared
Mr. Jack Lin	Ms. N. Phunnasa	Ms. S. Patcharee

Issue Date: 2012/12/18

Customer: TRELIK COMERCIAL IMPORTADORA LTD

Part no.: ZOT0S3J0000A50

1. Dimension :



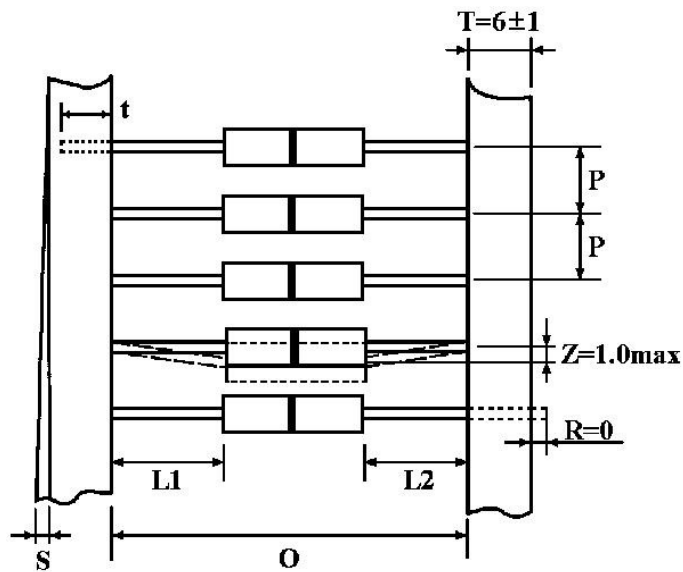
Unit : mm

Steel Rod Type

Type	Rating Wattage	D Max.	L Max.	H \pm 3	d \pm 0.05
ZO-33s	0.33W-S	2.5	6.8	28	0.54

2. Packing specification :

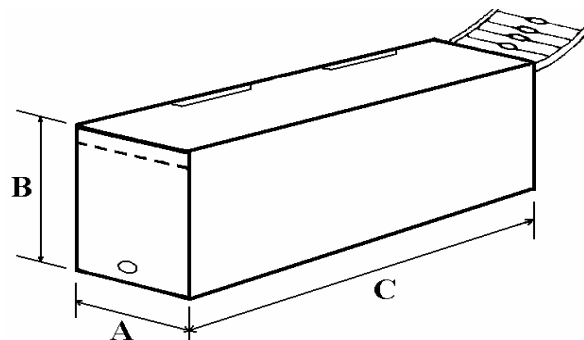
2.1 Taping dimension :



Dimensions (mm)

Type	Style	O	P	L1-L2	T	Z	R	t	S
ZO-33s	PT-52	52 \pm 1	5 \pm 0.3	1 Max.	6 \pm 1	1 Max.	0	4 \pm 1	0.5 Max.

2.2 Tape in box packing :



Bandoliers may also be contained in a cardboard box ("Ammopack")

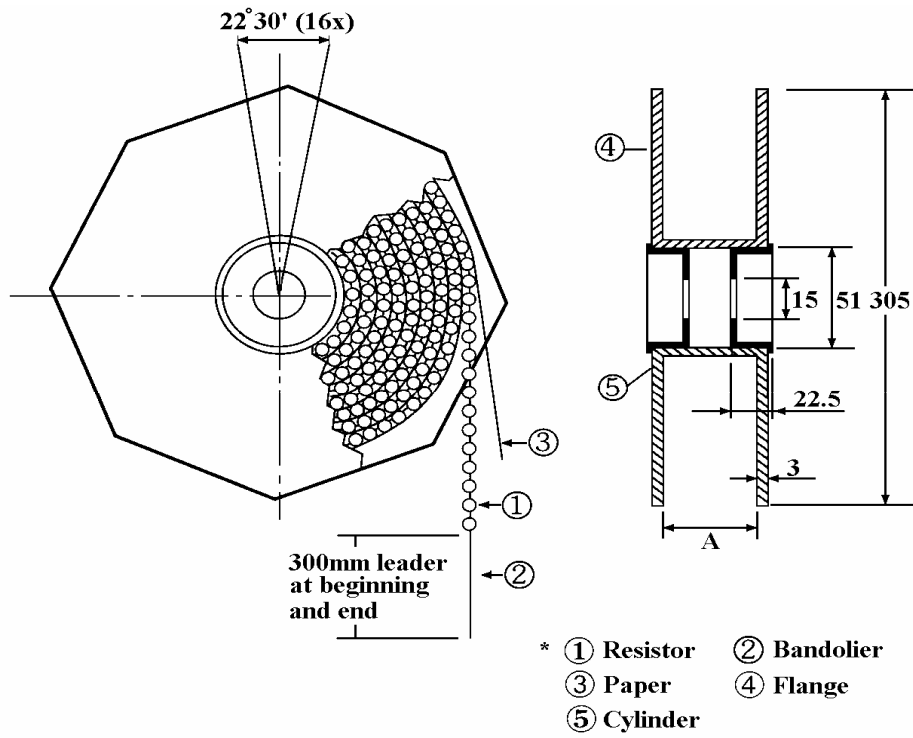
Dimension (mm)

Type	Style	L (C) \pm 5	W (A) \pm 5	H (B) \pm 5	Quantity Per Box (pcs.)
ZO-33s	PT-52	250	75	96	5,000

"Ammopack" is an abbreviation of "ammunition pack"

Zero Ohm Fixed Resistors

2.3 Tape on reel packing :



Dimension (mm) :

Type	Style	Across Flange (A)	Quantity Per Reel
ZO-33s	PT-52	73 ± 2	5,000 pcs.

Zero Ohm Fixed Resistors

3. Construction :

Confirmation List Of Material

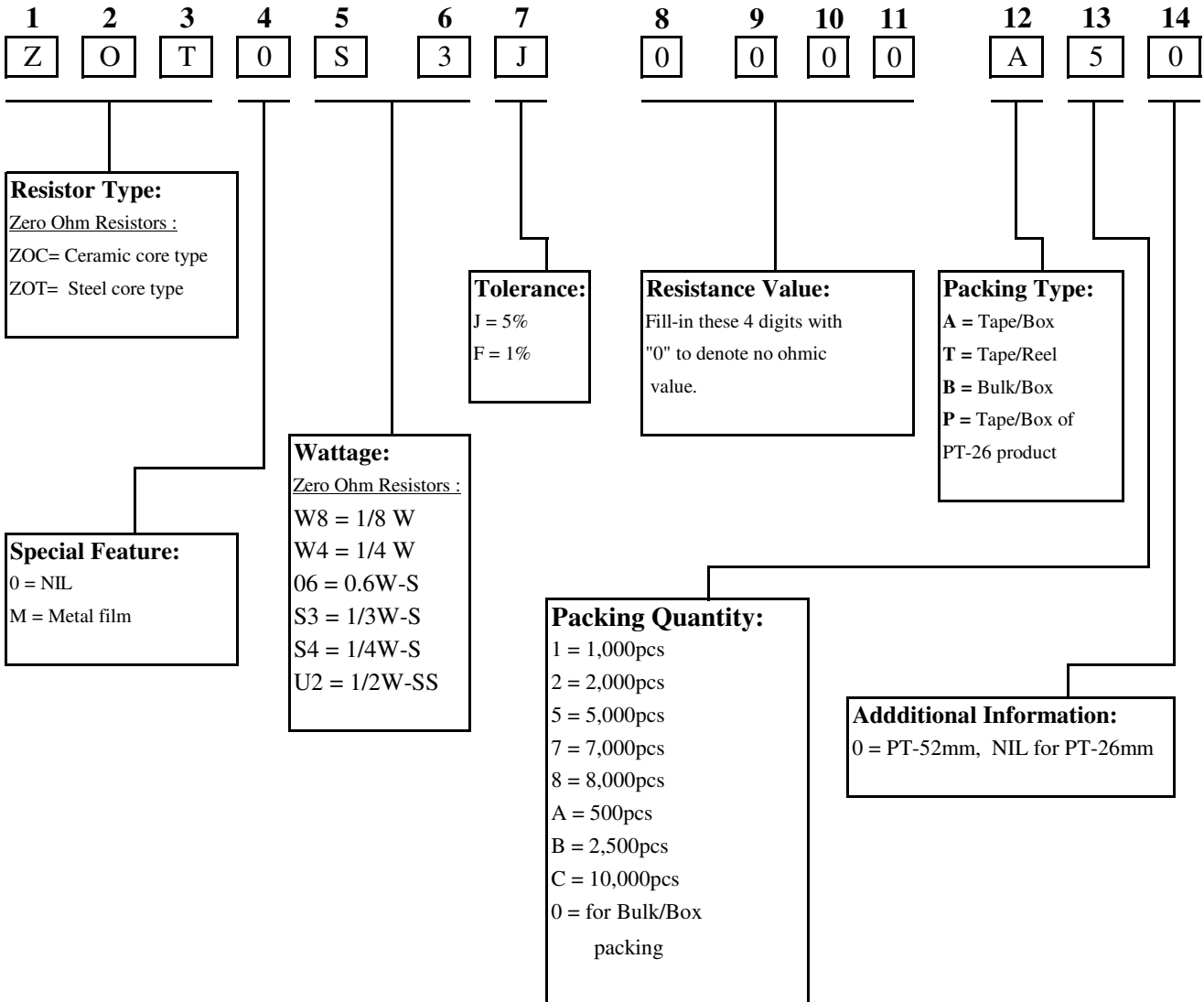
No.	Subpart Name	Material	Material Generic	Remark
1	Body basic	Steel core	Tin Plated iron	
2	Lead	Annealed copper wire	Tin-Coated Copper wire	
3	Coating	Insulated resin (Color : Beige)	Epoxy paint	

4. Characteristics :

Requirements	Characteristics
Maximum Resistance	0.01Ω Max.
Lead Material	Tin-plated copper
Body Material (Zo-Type)	Electrical grade, high performance molding compound
Insulation Resistance	Dry-10,000MΩ ; Wet-100 MΩ
Dielectric-Withstanding Voltage	Atmospheric-500V RMS., Reduced-325 V RMS
Insulation Flammability	Resistor Insulation is self extinguishing with 10 seconds after externally applied flame is removed
Current Rating	25 AMPS at 25 °C derating to 0 Amps at 150 °C

Part Number System

Explanation of Part Number System (Zero Ohm Fixed Resistors)



Sample : CR 1/3W-S 5% 0E T/B 5,000 (Steel core type) → ZOT0S3J0000A50

Zero Ohm Fixed Resistors

Environment Related Substance

This product complies to EU RoHS directive, EU PAHs directive, EU PFOS directive and Halogen free.

Ozone layer depleting substances.

Ozone depleting substances are not used in our manufacturing process of this product.

This product is not manufactured using Chloro fluorocarbons (CFCs), Hydrochlorofluorocarbons (HCFCs), Hydrobromofluorocarbons (HBFCs) or other ozone depleting substances in any phase of the manufacturing process.

Storage Condition

The performance of these products, including the solderability, is guaranteed for a year from the date of arrival at your company, provided that they remain packed as they were when delivered and stored at a temperature of $25^{\circ}\text{C} \pm 5^{\circ}\text{C}$ and a relative humidity of $60\%RH \pm 10\%RH$

Even within the above guarantee periods, do not store these products in the following conditions. Otherwise, their electrical performance and/or solderability may be deteriorated, and the packaging materials (e.g. taping materials) may be deformed or deteriorated, resulting in mounting failures.

1. In salty air or in air with a high concentration of corrosive gas, such as Cl_2 , H_2S , NH_3 , SO_2 , or NO_2
2. In direct sunlight