

DATASHEET

Product Name **Ceramic Case**

Part Name **CK0/CG0 Series**

File No. **DIP-SP-082**

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1. Scope

- 1.1 This specification for approve relates to the Ceramic Case by UNI-ROYAL.
- 1.2 Superior Talc Material.
- 1.3 Full series in different size.
- 1.4 Hot-briquetting & Dry-pressing two different process.

2. Explanation of Part No. System

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

- 2.1 The 1th to 3th digits are to indicate the product Name .

Example: CK0 - Ceramic Case ; CG0 - Ceramic Tube

- 2.2 The 4th to 6th digits is the type.

Example: RM0=PRM

- 2.3 The 7th to 10th digit is the Wattage.

Example: 0002=2W

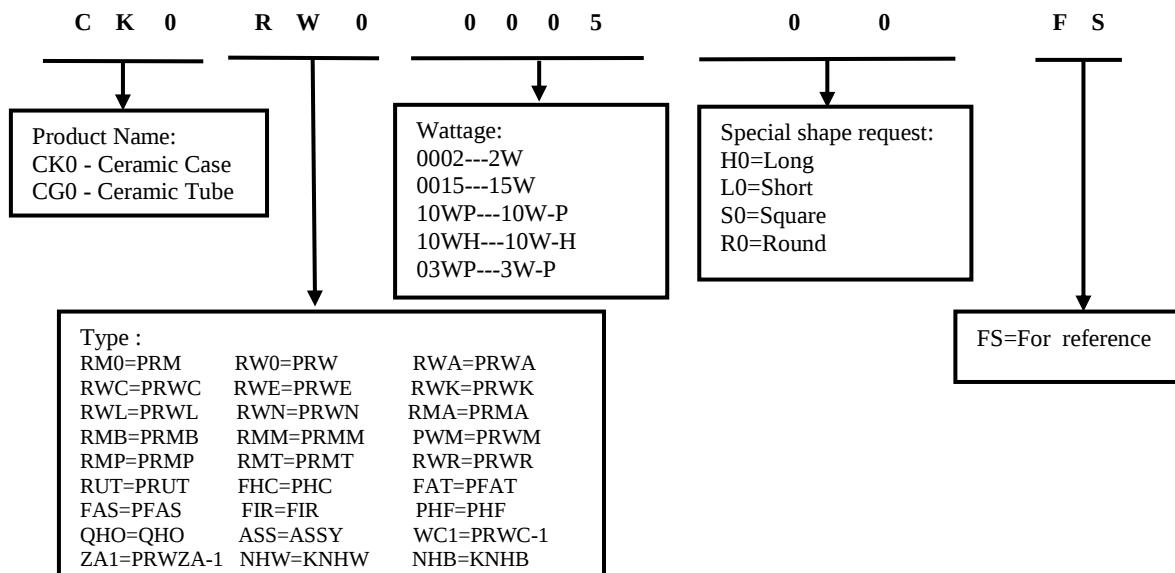
- 2.4 The 11th to 12th digits is the Special shape request .

Example: H0=Long ; L0=Short

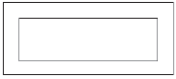
- 2.5 The 13th to 14th digits is to For reference.

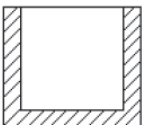
FS=For reference

3. Ordering Procedure: (Example: : CK0RW0000500FS)



4. Type & Dimension

Type	power	2W	3W	5W	7W	10W	15W	20W	25W	30W	40W
 PRW	L	18	22	22	35	10	49	60	64	-	-
	W	7	8	10	10	10	12.5	14.5	14.5	-	-
	H	7	8	9	9	9	11.5	13.5	13.5	-	-
 PRM	L	20	25	25	38	50	-	45	-	-	-
	W	11.5	12.5	12.5	12.5	12.5	-	20	-	-	-
	H	7.5	8.5	9	9	9	-	13.5	-	-	-
 PRV	L	-	22	27/25	35	48	48	63	-	-	-
	W	-	10	10	10	10	12.5	12.5	-	-	-
	H	-	9	9	9	9	11.5	13.5	-	-	-

	L	-	-	-	-	48	48	63	-	75	90
	W	-	-	-	-	10	12.5	12.5	-	19	19
	H	-	-	-	-	9	11.5	13.5	-	19	19
	L	13/26	13/26	14/26	26	26	-	-	-	-	-
	W	5	5	5	5	-	-	-	-	-	-
	H	8.5/9	13.5/13	18	20	18	-	-	-	-	-

5. Performance Specifications

Item	Unit	Specification
Bulk Density	g/cm ³	≥ 2.8
Flexural Strength 抗	MPa	139
Coefficient of Linear Thermal Expansion	×10 ⁻⁶ /℃	7.3
Permittivity	F/M	6.2
Dielectric Loss Tangent	×10 ⁻⁴	13
Volume Resistivity	Ω.cm	≥ 10 ¹²
Dielectric Strength	K v /mm	≥ 20

8. Note

8.1 UNI-ROYAL recommend the storage condition temperature: 15℃~35℃, humidity :25%~75%

(Put condition for individual product)

Even under UNI-ROYAL 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:

- Storage in high Electrostatic
- Storage in direct sunshine 、rain and snow or condensation
- Where the products are exposed to sea winds or corrosive gases, including Cl₂, H₂S, NH₃, SO₂, NO₂.

9. Record

Version	Description of amendment	Page	Date	Amended by	Checked by
1	First issue of this specification	1~7	Aug.27,2018	Chen Haiyan	Chen Nana

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