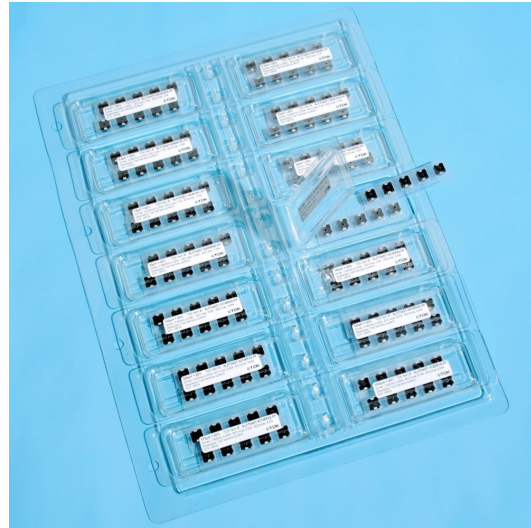


professional sample kit for development and research

## TDK SLF7045 Sample Kit

Leistungs- Induktivitäten Sortiment  
Power Inductor Designer Kit

RoHS konform  
RoHS Compliance



Sortiment / sample kit

### Wesentliche Merkmale

- ◆ Bauteilgröße
- ◆ Bauteilzahl pro Wert
- ◆ RoHS konform
- ◆ transparente PET Flachpackung

SLF7045  
10  
✓

### Features

- ◆ Component size
- ◆ number of components / value
- ◆ RoHS Compliance
- ◆ transparent PET container

SLF7045  
10  
✓

### Anwendungen

- ◆ Entwicklung
- ◆ Forschung
- ◆ Labor

### Applications

- ◆ Development
- ◆ Research
- ◆ Labor

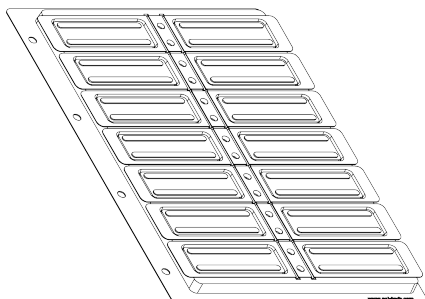
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## Flachpackungs-System und Bauteilentnahme. Container - system and how to take out the components.



Flachpackungs-System / container - system



Entnahme / taking out

## Eigenschaften des Sortiments Characteristics of the sample kit

Bezeichnung Parameter	Wert Value	Einheit Unit
Bauteilgröße Component size	SLF7045 7 x 7 x 4.5	mm
Bauteiltoleranz Tolerance of the Components	Siehe Tabelle: „Sortiment Inhalt“ see table: „Sample Kit Content“	
Wertebereich Range of values	3.3 - 1000	µH
Anzahl der Werte Number of values	14	
Bauteile pro Wert Number of parts per value	10	Stück pieces
Bauteile gesamt Number of parts in total	140	Stück pieces
RoHS konform RoHS Compliance	✓	
Abmessungen (L x B x H): Dimensions (l x w x h)	ca. / approx. 230 x 350 x 7	mm
Gewicht Weight	0,2	kg

## Sortiment Inhalt Sample Kit Content

Nr.	Wert	Baugröße	Strombelastbarkeit (A)	DC-Widerstand (Ohm) $\pm 20\%$	Toleranz	TDK Teilenummer
Nbr.	Value	Dimension	Rated current (A)	DC-Resistance (Ohm) $\pm 20\%$	Tolerance	TDK Part No.
1	3.3 $\mu$ H	SLF7045	2.5max.	0.02	$\pm 20\%$	SLF7045T-3R3M2R5-PF
2	4.7 $\mu$ H	SLF7045	2max.	0.03	$\pm 20\%$	SLF7045T-4R7M2R0-PF
3	6.8 $\mu$ H	SLF7045	1.7max.	0.039	$\pm 20\%$	SLF7045T-6R8M1R7-PF
4	10 $\mu$ H	SLF7045	1.3max.	0.036	$\pm 20\%$	SLF7045T-100M1R3-PF
5	15 $\mu$ H	SLF7045	1.1max.	0.052	$\pm 20\%$	SLF7045T-150M1R1-PF
6	22 $\mu$ H	SLF7045	0.9max.	0.061	$\pm 20\%$	SLF7045T-220MR90-PF
7	33 $\mu$ H	SLF7045	0.82max.	0.096	$\pm 20\%$	SLF7045T-330MR82-PF
8	47 $\mu$ H	SLF7045	0.75max.	0.125	$\pm 20\%$	SLF7045T-470MR75-PF
9	100 $\mu$ H	SLF7045	0.5max.	0.25	$\pm 20\%$	SLF7045T-101MR50-PF
10	150 $\mu$ H	SLF7045	0.4max.	0.34	$\pm 20\%$	SLF7045T-151MR40-PF
11	220 $\mu$ H	SLF7045	0.33max.	0.52	$\pm 20\%$	SLF7045T-221MR33-PF
12	330 $\mu$ H	SLF7045	0.25max.	0.74	$\pm 20\%$	SLF7045T-331MR25-PF
13	470 $\mu$ H	SLF7045	0.22max.	1.05	$\pm 20\%$	SLF7045T-471MR22-PF
14	1000 $\mu$ H	SLF7045	0.14max.	2.28	$\pm 20\%$	SLF7045T-102MR14-PF

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#### Warnings

The given information about the components are based on datasheets of the manufacturer. For further information the AGL Technology refers to the website an the datasheets of the components manufacturer. The intended use of this sample kit is for development and research. The sample kit or parts of it should not be used for any other purpose.

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