

Technical information : SMT FASTENERS

Description:

These spacers are **metallic parts**, threaded or not, used for the assembly of electronic PCBs or modules. The spacers allow to achieve a **grounding contact**. Several standard parts are offered in our range of spacers but we can also customize spacers based on your design and your technical constraints.

Material

Brass, Carbon steel

Manufacturing processes

SMT automatic process

Electroplated

Sn / Au plated

Packaging

Rolls for SMT assembly or in bulk

Options

Kapton caps

TYPICAL PROPERTIES

Quality examination	<ol style="list-style-type: none"> 1. Vision Examination : without serious damage and scratch line with will influence the solderability. 2. Dimension Measurement : measure per the drawing individual.
Material	<ol style="list-style-type: none"> 1. Brass : C3604 2. Carbon steel : 12L14
Electroplated	<ol style="list-style-type: none"> 1. Sn : 2~3 μm over Ni 2.5 μm plating. 2. Au : 0.025 ~ 0.075 μm over Ni 2.5 μm plating (Optional)
Operating Temperature	-40°C ~ +150°C
Kapton tape	UL94-V0 certification
Recommend temperature profile	Pre-heat : 150°C \pm 10°C

BENEFITS

- Easy to assembly
- Fastener mass production
- Save labor power
- Precision position on PCB
- Easy to design for tiny and slim product
- Reduced weakness condition of PCB

