# SMD FASTENER
## Type C (through hole, without thread)

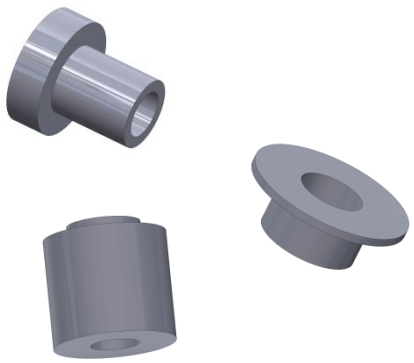
**SMD fasteners** are used on the PCB as a mounting option or as a spacer. Furthermore they can be used to conduct electrical signals, for ground connection or for thermal management.

As surface mounting fasteners are designed for fully automated production, manufacturing processes can be significantly optimized due to simple and fast assembly.

An extensive product range enables great design flexibility in PCB and housing design.

The parts are delivered in tape & reel packaging as standard.

- Easy to assemble
- Precise position on the PCB
- Optionally bulk type packing
- Customer specific parts available
- Tin-plated as standard for best solderability; gold plating on request



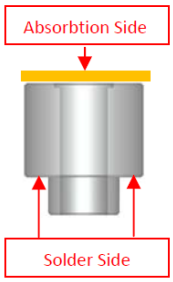
RoHS ✓ REACH ✓ REEL

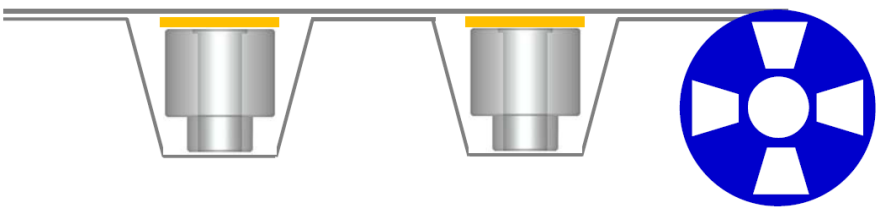
## PRODUCT SPECIFICATIONS

| PROPERTY | VALUE / TOLERANCE | TEST METHOD |
|---|---|---|
| Basic material | Brass C3604 * | - |
| Plating | Sn<br>2-3 µm over Ni 2,5 µm plating | - |
| Operation temperature | -40 to 150 °C | - |
| Kapton® tape | V-0 | UL94 |

* RoHS compliant with exemption 6 (c)

## PACKING

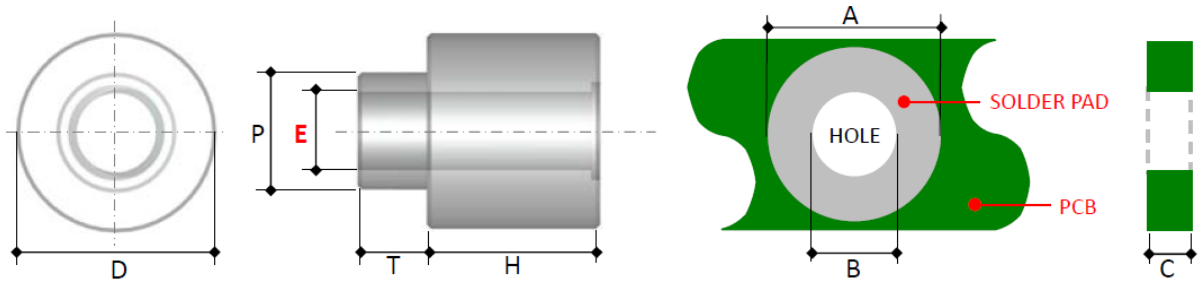


- The Kapton® tape is attached to the top hole of SDM fastener for SMT nozzle pick & place process

# SMD FASTENER
## Type C (through hole, without thread)

## ITEM NUMBER & DIMENSIONS in mm




| HOLE DIA. E | ITEM NUMBER | D | P | T | H | A | B | C | CURRENT CAPACITY | TORQUE (Nm) |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,50 | SMF-C-S0204525C-SN-SMD | 4,50 | 3,50 | 2,35 | 2,00 | 4,50 | 3,63 | ≥ 3,00 | 10A | 0,15 |
| 3,50 | SMF-C-N0237035C-SN-SMD | 7,00 | 4,50 | 1,25 | 2,35 | 7,00 | 4,60 | ≥ 1,60 | 10A | 0,49 |
| 3,75 | SMF-C-N0237037C-SN-SMD | 7,00 | 4,75 | 1,25 | 2,35 | 7,00 | 4,85 | ≥ 1,60 | 10A | 0,49 |
| 2,20 | SMF-C-N0304522C-SN-SMD | 4,50 | 3,53 | 0,80 | 3,00 | 4,50 | 3,60 | ≥ 0,90 | 10A | 0,1 |
| 2,60 | SMF-C-N0304526C-SN-SMD | 4,50 | 3,53 | 0,80 | 3,00 | 4,50 | 3,60 | ≥ 0,90 | 10A | 0,1 |
| 3,00 | SMF-C-S0426030C-SN-SMD | 6,00 | 4,50 | 1,50 | 4,20 | 6,00 | 4,70 | ≥ 1,60 | 20A | 0,25 |

## RECOMMENDED REFLOW SOLDERING CONDITION