SMD FASTENER
Type B (without positioner)

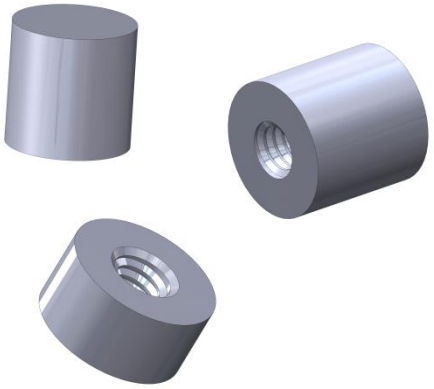
SMD fasteners are used on the PCB as a mounting option or as a spacer. Furthermore they can be used to conduct electrical signals, for ground connection or for thermal management.

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



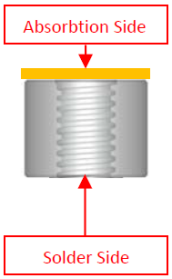
RoHS REEL

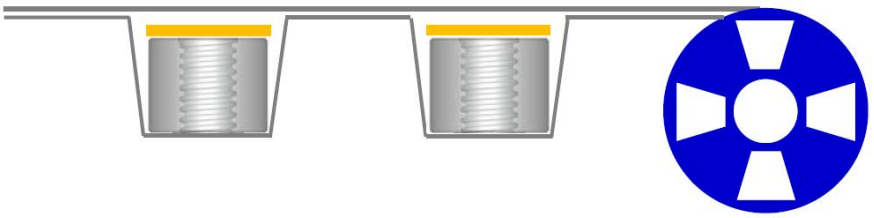
PRODUCT SPECIFICATIONS

PROPERTY	VALUE / TOLERANCE	TEST METHOD
Basic material	Brass C3604*, Carbon steel*, Stainless steel, Free-cutting-steel 1215MS, Brass C6801	-
Plating	Sn 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); 6 (a)

PACKING

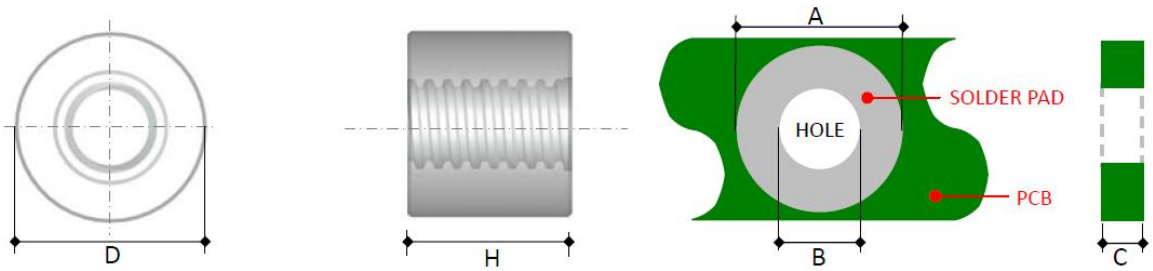




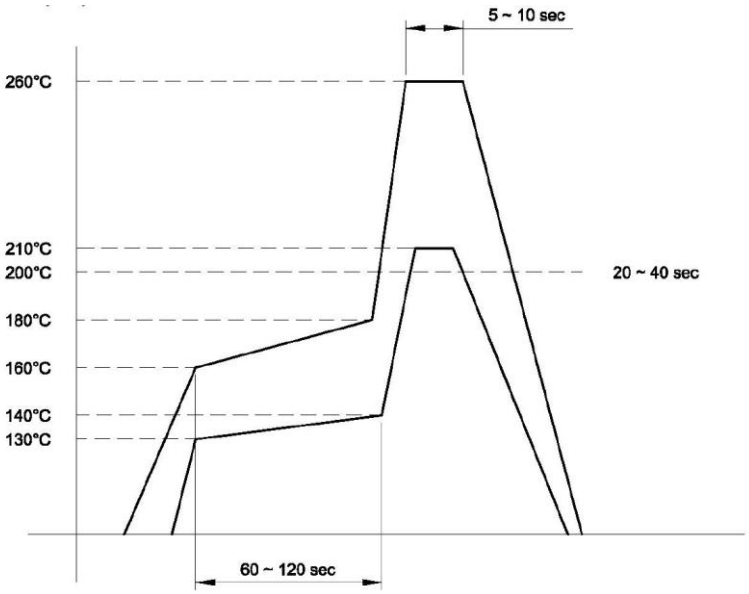
- The Kapton® tape is attached to the top hole of the SMD fastener for SMT nozzle pick & place process
- There is no Kapton® tape needed for SMF without hole

SMD FASTENER
Type B (without positioner)

ITEM NUMBER & DIMENSIONS in mm



RECOMMENDED REFLOW SOLDERING CONDITION



PRODUCT COMPLIANCE INFORMATION

Material	Regulation	Compliance statement
Brass C3604 CuZn39Pb3	REACH	Non-compliant: material contains >0,1m% lead (CAS 7439-92-1)
	RoHS	Compliant with exemption: 6 (c)
Carbon Steel 11SmnPb30	REACH	Non-compliant: material contains >0,1m% lead (CAS 7439-92-1)
	RoHS	Compliant with exemption: 6 (a)

According Art. 33 of the REACH Regulation (EC) No. 1907/2006 we are obliged to inform you that a delivered article contains a substance of the REACH Candidate List (SVHC list) in contents greater than 0.1 mass percent.
MTC offers SMD fasteners (article designation beginning with "SMF-...") made of metal alloys containing lead. Usually those are brass (material: 2.0401; CuZn39Pb3) or carbon steel (material 1.0718; 11SMnPb30) containing more than 0.1 mass% lead (CAS: 7439-92-1).
The hazardous material classification, rules for the safe handling of lead metal and the range of applications for our products remain untouched. Our SMD fasteners are not covered within the scope of Regulation (EC) No. 1272/2008 (CLP Regulation) and are therefore not subject to classification and labelling requirements.