

Soldering tip conical 0.10 mm, micro fine, T series - Thermaltronics TM80C001

Item no. WL38487

Manufacturer Thermaltronics

Needle fine conical tip with a 0.10 mm point for work under the microscope. The 13 mm micro fine T series cartridge delivers heat at 420-475 °C exactly where it is needed, without touching adjacent pads.

TECHNICAL DATA

Weight 0.1 kg



DESCRIPTION

On 0201 parts, bond wire and broken track repairs the point radius decides whether the joint stays clean. At 0.10 mm the TM80C001 is one of the finest cartridges in the T series and is intended for microscope work.

BENEFITS

- 0.10 mm point diameter for 0201, bond wire and track repair
- Conical micro fine geometry with a 13 mm tip length
- Induction control holds 420-475 °C even with very little tip mass
- Cartridge change without tools and without recalibration
- Lead-free, RoHS compliant construction

TECHNICAL DATA

Item number	WL38487
Manufacturer	Thermaltronics
Manufacturer item number	TM80C001
Model	TM80C001
Product series	T tip series, 420-475 °C
Temperature range	420-475 °C

Type	Soldering tip
Tip shape	conical, micro fine
Tip alignment	straight
Tip length	13 mm (0.51 in)
Tip width	0.1 mm (0.004 in)
Compatible hand piece	SHP-T
Order unit	piece
Dimensions with packaging (LxWxH)	117 mm x 33 mm x 13 mm (4.6 in x 1.3 in x 0.5 in)
Weight	0.1 kg
Compliance	RoHS compliant, lead-free

APPLICATIONS

Rework under a stereo microscope, replacing 0201 parts, tacking thin wire to test points, repairing broken tracks.

COMPATIBILITY AND SCOPE OF DELIVERY

Fits the SHP-T hand piece and therefore the Thermaltronics TMT-5000S-1 and TMT-5000S-2 induction soldering stations. Delivery covers one cartridge, the heating element is built in and is replaced together with the tip.

The cartridge is RoHS compliant and lead-free, which makes it suitable for the usual SAC lead-free solder alloys.