

Soldering tip conical 0.5 x 4.6 mm 357 °C STTC series - Metcal STTC-011

Item no. WL24402

Manufacturer Metcal

Conical solder cartridge with a 0.5 mm tip diameter and 4.6 mm tip length for temperature sensitive applications on Metcal SmartHeat systems. The cartridge runs at a fixed tip temperature of 357 °C, so no calibration and no temperature setting on the station is required. It fits the MX-H1-AVA, MX-RM3E hand pieces on MX-500, MX-5000 and MX-5200.

Kein Produktbild

TECHNICAL DATA

Weight **0.1 kg**

DESCRIPTION

On Metcal SmartHeat stations the working temperature is selected through the cartridge instead of the power unit. The STTC series STTC-011 is a conical solder cartridge with a 0.5 mm tip diameter and 4.6 mm tip length, rated at a fixed tip temperature of 357 °C. It suits temperature sensitive applications that still need solid heat flow without overheating the part or the laminate.

BENEFITS

- Fixed tip temperature of 357 °C as the middle grade between heat transfer and component protection
- Conical geometry for precise single joints and tight component spacing
- Self regulating SmartHeat technology keeps the temperature at the joint stable without setting or calibration
- Tip length of 4.6 mm for defined access to the joint
- Tool free cartridge change on the MX-H1-AVA, MX-RM3E hand pieces

TECHNICAL DATA

Item number	WL24402
Manufacturer	Metcal
Manufacturer item number	STTC-011
Model	STTC-011
Product series	STTC series

Tip shape	conical
Tip diameter	0.5 mm
Tip length	4.6 mm
Tip temperature	357 °C
Temperature series	600 series
Compatible hand piece	MX-H1-AVA, MX-RM3E
Order unit	piece
Weight	0.100 kg

APPLICATIONS

Fine hand soldering and rework on densely populated boards, SMD joints, attaching thin wires and stranded leads, and access to pads that sit close to neighbouring components. The slim geometry reaches recessed joints without touching parts next to them.

COMPATIBILITY AND SCOPE OF DELIVERY

The cartridge fits the MX-H1-AVA, MX-RM3E hand pieces and works on the MX-500, MX-5000 and MX-5200 systems. Changing tip shape or temperature means swapping the cartridge during operation. The order unit is one piece, supplied as a single STTC-011 solder cartridge without hand piece and without power unit.