



Product Update

MFR Tweezer Hand Piece Consolidation

Part Numbers	MFR-STZ and MFR-HST
Product Description	MFR Standard Tweezer and Standard Tweezer Hand Piece
Action	Standard Tweezer Hand Piece is being obsoleted and cartridges have been adapted to work in the MFR-HPT Precision Hand Piece (see new part number scheme below)
Justification	Market has requested only one tweezer hand piece for the MFR with a full range of cartridges to cover a wide spectrum of applications.
Time Line	Effective immediately Standard Tweezer Cartridges (Current PN below) will not be obsoleted until 12/31/07.

MFR Standard Tweezer Cartridges

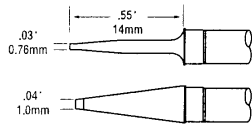
- Current Part Numbers to be obsoleted 12/31/07.
- New Part Numbers are same geometries of Current Part Numbers only have been adapted for use in the MFR-HPT Precision Tweezer Hand Piece

CURRENT PN	NEW PN
TCP-BLH3	TCP-BLH30
TCP-BLH4	TCP-BLH40
TCP-BLH5	TCP-BLH50
TCP-BLH6	TCP-BLH60
TCP-BLH7	TCP-BLH70
TFP-BLH3	TFP-BLH30
TFP-BLH4	TFP-BLH40
TFP-BLH5	TFP-BLH50
TFP-BLH6	TFP-BLH60
TFP-BLH7	TFP-BLH70
TTP-BLH3	TTP-BLH30
TTP-BLH4	TTP-BLH40
TTP-BLH5	TTP-BLH50
TTP-BLH6	TTP-BLH60
TTP-BLH7	TTP-BLH70

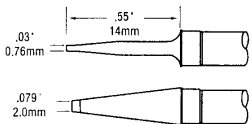
May 25, 2007

Precision Tweezer Cartridges

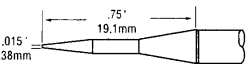
The Precision Tweezer Cartridges are supplied in pairs to be used in the MFR-HPT Precision Tweezer Hand-piece for conduction rework of very fine surface mount chip components.



TFP-BLP1
Tweezer Cartridge,
Blade 1.0mm (0.04") Pair



TFP-BLP2
Tweezer Cartridge,
Blade 2.0mm (0.08") Pair

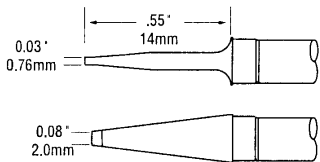


TFP-CNP1
Tweezer Cartridge,
Conical 0.4mm (.015") Pair



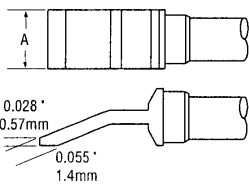
Standard Tweezer Cartridges

The Standard Tweezer Cartridges are supplied in pairs and are designed to work with the MFR-HST Standard Tweezer Hand-piece for conduction removal of two sided surface mount components. The geometries are specifically designed for larger SMT Chip and Dual in-line SOIC components. All tweezer cartridges are sold in pairs.

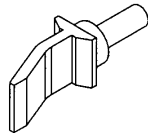


TFP-BLH3 Tweezer Heavy Duty Cartridge, 2.0mm (0.08") Pair

Fine Point Tip



TFP-BLH4 Tweezer Heavy Duty Cartridge, A = 6.35mm (.25") Pair



TFP-BLH5 Tweezer Heavy Duty Cartridge, A = 16mm (.62") Pair

TFP-BLH6 Tweezer Heavy Duty Cartridge, A = 20.5mm (.81") Pair

TFP-BLH7 Tweezer Heavy Duty Cartridge, A = 28mm (1.1") Pair

Blade Tip

To order specialty versions of the Precision Tweezer Cartridges replace the "F" in the part number with the appropriate letter designate for your application when ordering: T = Temperature Sensitive C = Ceramic or Heavy Load

Dimensions and artwork listed are for indication/guidance only. Numbers have been rounded up.
Please contact your local technical support if you require specific technical information.