



Product Update

MFR Tweezer Hand Piece Consolidation

Product Update

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

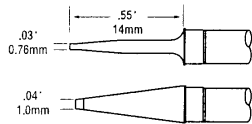
May 25, 2007

okinternational

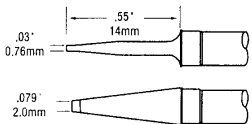
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Precision Tweezer Cartridges

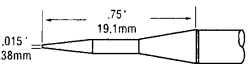
The Precision Tweezer Cartridges are supplied in pairs to be used in the MFR-HPT Precision Tweezer Hand-piece for conduction rework of very fine surface mount chip components.



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



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

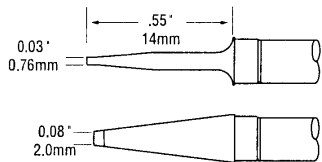


TFP-CNP1
Tweezer Cartridge,
Conical 0.4mm (.015") Pair



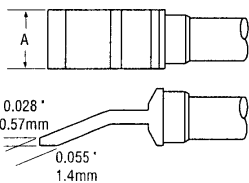
Standard Tweezer Cartridges

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.

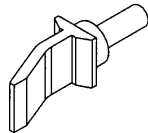


TFP-BLH3 Tweezer Heavy Duty Cartridge, 2.0mm (0.08") Pair

Fine Point Tip



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



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

Blade Tip

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

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

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.