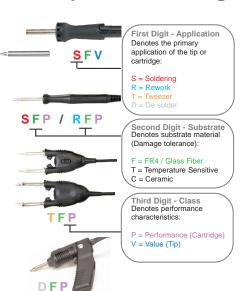


Tip Cross Reference

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MX-500	MFR-SFP	MFR-SFV/ PS-800E	PS-800	SP200
STITC-X25 STITC-X38 STITC-X38 STITC-X37 STITC-X36 STITC-X17 STITC-X22 STITC-X46 STITC-X42 STITC-X42 STITC-X44 STITC-X49 STITC-X47 SMTC-X167 SMTC-X167 SMTC-X167 SMTC-X161 SMTC-X61 SMTC-X61 SMTC-X61 SMTC-X62 SMTC-X63 SMTC-X63 SMTC-X63 SMTC-X63 SMTC-X63 SMTC-X64 SMTC-X64 SMTC-X63 SMTC-X64 SMTC-X63 SMTC-X64 SMTC-X63 SMTC-X64 SMTC-X63 SMTC-X64 SMTC-X63 SMTC-X64 SMTC-X63 SMTC-X64 SMTC	SFP-CH10 SFP-CH15 SFP-CH25 SFP-CH25 SFP-CH05 SFP-CN04 SFP-CN05 SFP-CNL04 SFP-CNB04 SFP-CNB04 SFP-CNB05 SFP-CNB05 SFP-CNB05 SFP-CNB05 SFP-CNB05 SFP-DRH35 SFP-DRH35 SFP-DRH35 SFP-DRH35 RFP-BL1 RFP-SL1 RFP-SL1 RFP-SL1 RFP-SL2 RFP-DL2 RFP-DL1	SFV-CH10 SFV-CH20 SFV-CH25 SFV-CH50 SFV-CN05 SFV-CNL04 SFV-CNB05 SFV-CHB15	PHT-XY0315 PHT-XY0335 PHT-XY1335 PHT-XY1384 PHT-XY2017 PHT-XY2035 PHT-XY2036 PHT-XY2335 PHT-XY0326	SSC-X25A SSC-X36A SSC-X36A SSC-X17A SSC-X22A SSC-X54A SSC-X54A SSC-X57A SSC-X39A SSC-X73A
TATC-X01	TFP-CN1			

MFR Tip Part Numbering



Upgrade Kits

Add versatility to your MFR System.

Hand-piece Upgrade Kits can be ordered to compliment any of the MFR Systems. Kits include both the hand-piece and workstand.

MFR-PST-AD

Production / Solder Tip Upgrade Kit

MFR-SRC-AD

Solder / Rework Cartridge Upgrade Kit

MFR-PTZ-AD

Precision Tweezer Upgrade Kit

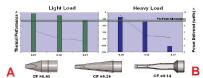
MFR-STZ-AD

Standard Tweezer Upgrade Kit



Conductivity Factor

Our new SmartHeat® PowerTipsTM have been specifically developed for Lead free applications. They offer high performance at low tip idle temperatures, by optimizing the conduction of the thermal energy through the design of the tip geometries .



The tip **B** is formed with multiple steps. This reduces its diameter size and inhibits its ability to conduct thermal energy efficiently to the joint.

The tip A has a smooth progressive taper allowing good conduction from the heater source to the substrate.

The above diagram is a representation of how each tip performed when soldering a 2 layer board (light load) and a 10 layer board (heavy load). The temperature was the same for both tests and a bench mark line added to signify the requirements of Lead free. This shows that by maintaining the source temperature (typically 370°C) and just changing the geometries you can achieve much better thermal performance.



Hand Soldering & Rework Product Guide

PS-800 & MFR Range



