

Thermaltronics

Why Thermaltronics?



Overview

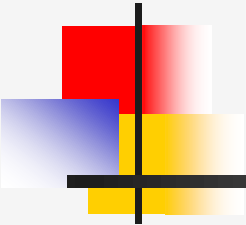
- Introduction
 - Company Introduction
 - Our customers & Industries we service
 - Certifications
- Our Products
- Product Comparison
- Conclusion

Mission Statement

- To research, develop and manufacture products related to power and thermal demand requirements.
- Our goals:
 - Quality
 - Increased Productivity
 - Cost Reduction

Company Introduction

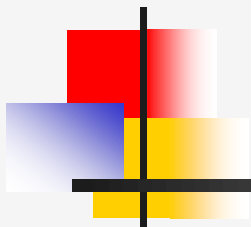
- Production and manufacturing of soldering devices and related products
- Our staff is comprised of previous Metcal/OKI employees and have extensive knowledge in Curie Heat Technology
- Manufacturing Facility in Beijing, China
 - Capacity:
 - 500 systems
 - 80,000 cartridges per month



Industries We Supply

- Avionics
- Disk Drive Manufacturing
- Contract Electronic Manufacturing (CEM'S)
- Medical Electronics
- Power Supply Manufacturers
- Solar Cell Production
- Telecommunications





JABIL



Panasonic



tyco

FOXCONN

ASUS

wistron



acer

ERICSSON

FLEXTRONICS

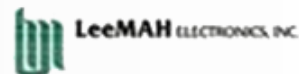
Customers

Inventec



Sony Ericsson

ABB



Finisar

fabri net

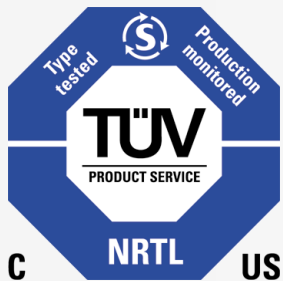


ZTE中兴



Certifications

- NRTL - Safety
- TUV / GS - Safety
- CE - Safety
- ISO9000 - Quality
- ISO14000 - Environment
- SGS – Lead-Free



Our Products - TMT-2000S



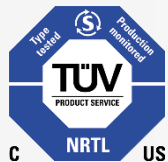
K Series



P Series



S Series



Part Number	Description	Warranty
TMT-2000PS	Power Supply	1 Years
SHP-K	Handpiece	30 Days
SHH-3	Workstand	30 Days

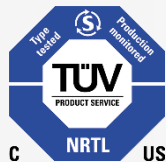
Our Products - TMT-5000S



T Series



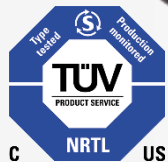
Part Number	Description	Warranty
TMT-5000PS-1	Power Supply	1 Years
TMT-5000PS-2	Power Supply	1 Years
SHP-T	Handpiece	30 Days
SHH-2	Workstand	30 Days



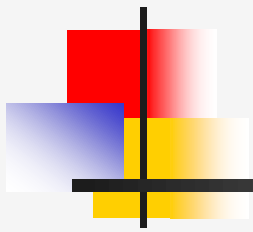
Our Products - TMT-9000S



M Series



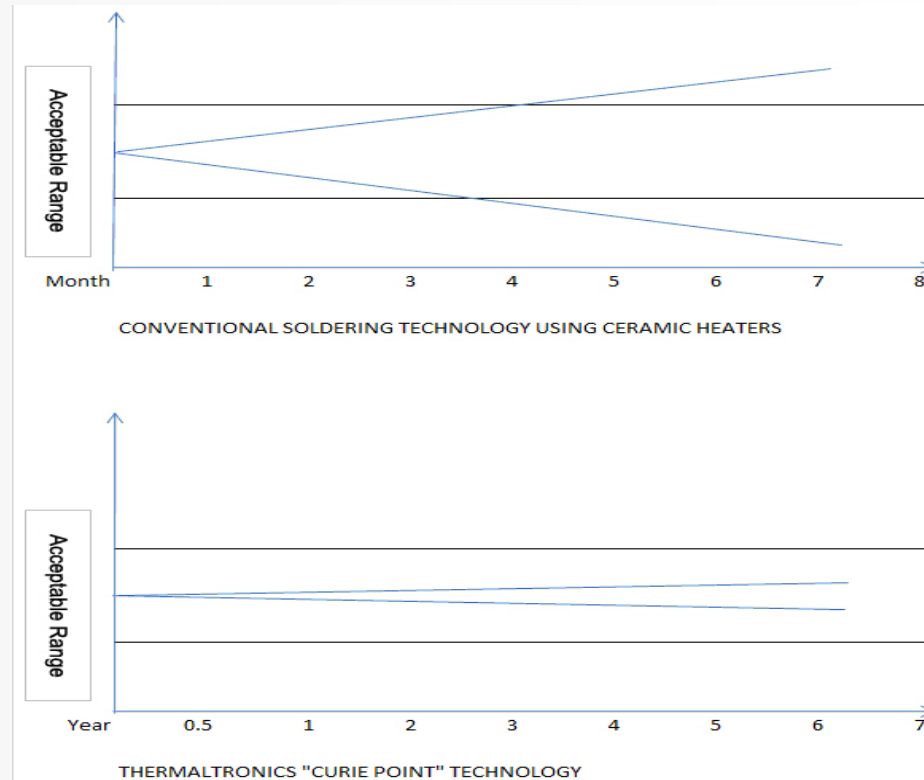
Part Number	Description	Warranty
TMT-9000PS-1	Power Supply	4 Years
TMT-9000PS-2	Power Supply	4 Years
SHP-1	Handpiece	90 Days
SHH-1	Workstand	90 Days



Why Thermaltronics?

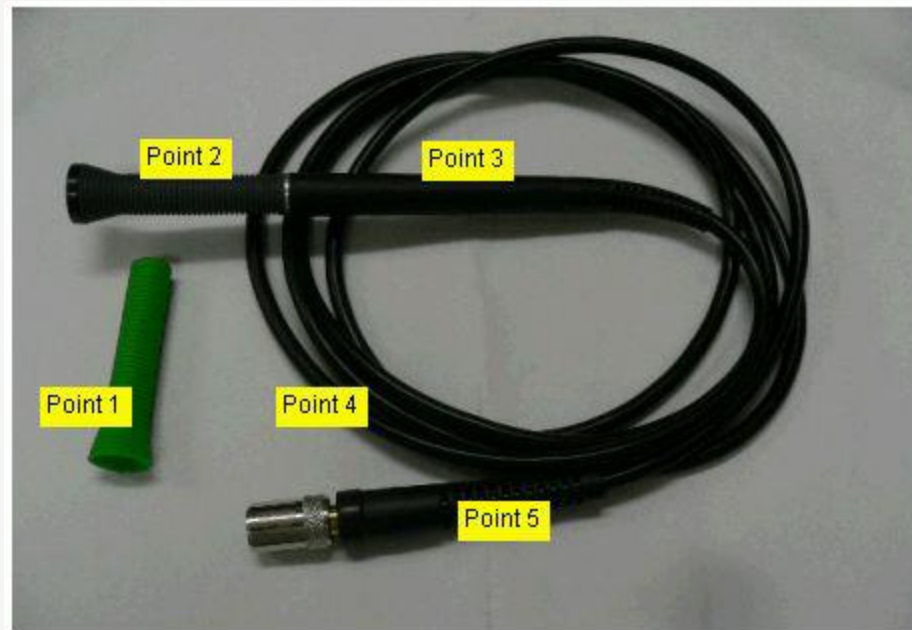
No Calibration Required

- Thermaltronics soldering irons do not need calibration. (EOS)



ESD Safe

- Verified by third parties in hard drive industry to be completely ESD Safe.



Electrical Overstress

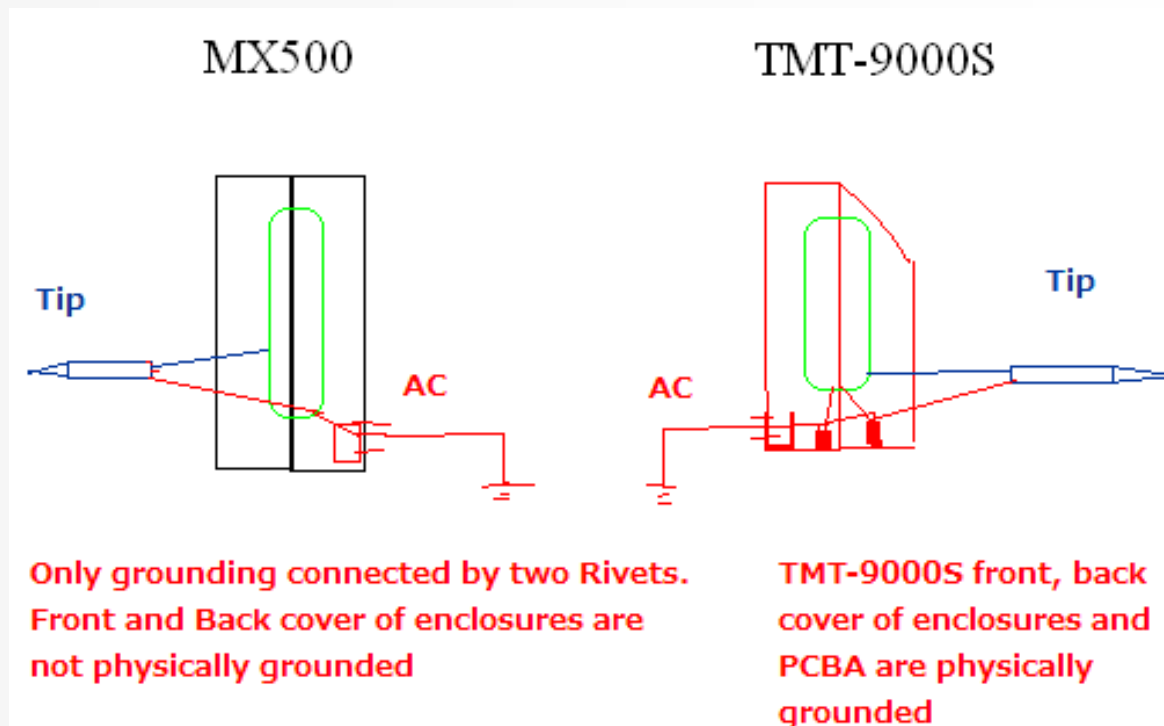
- Thermaltronics soldering irons conform to international standards of Electrical Overstress (EOS)

Data Point	Tip to Ground AC Leakage (<20mv)	Tip to Ground Resistance <2ohms	
		Hot	Cold
1	0.3	0.2	0.3
2	0.2	0.1	0.2
3	0.2	0.2	0.4
4	0.2	0.2	0.3
5	0.3	0.2	0.3
6	0.2	0.2	0.2



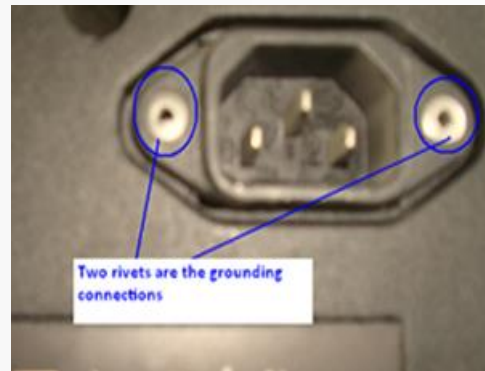
Grounding Scheme Comparison

- Thermaltronics offers an improved grounding scheme.



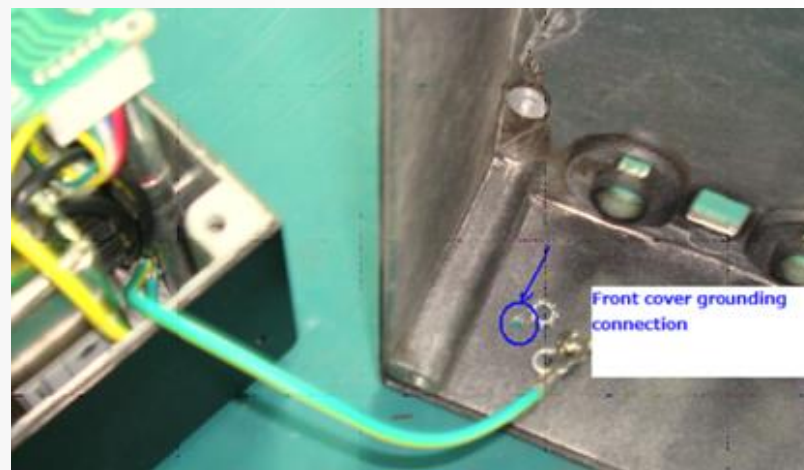
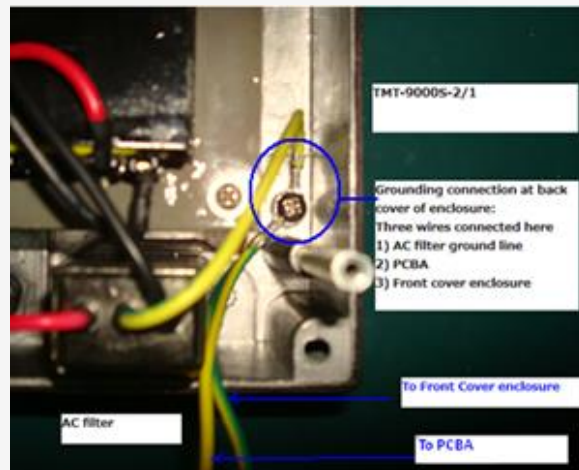
MX500 – Grounding Scheme

- No secured grounding connection exists.
- Grounding is highly dependent on the connectivity between the front and back enclosure. (a potential grounding problem exists if oxidation occurs or there is an uneven fit between the front and back enclosure).

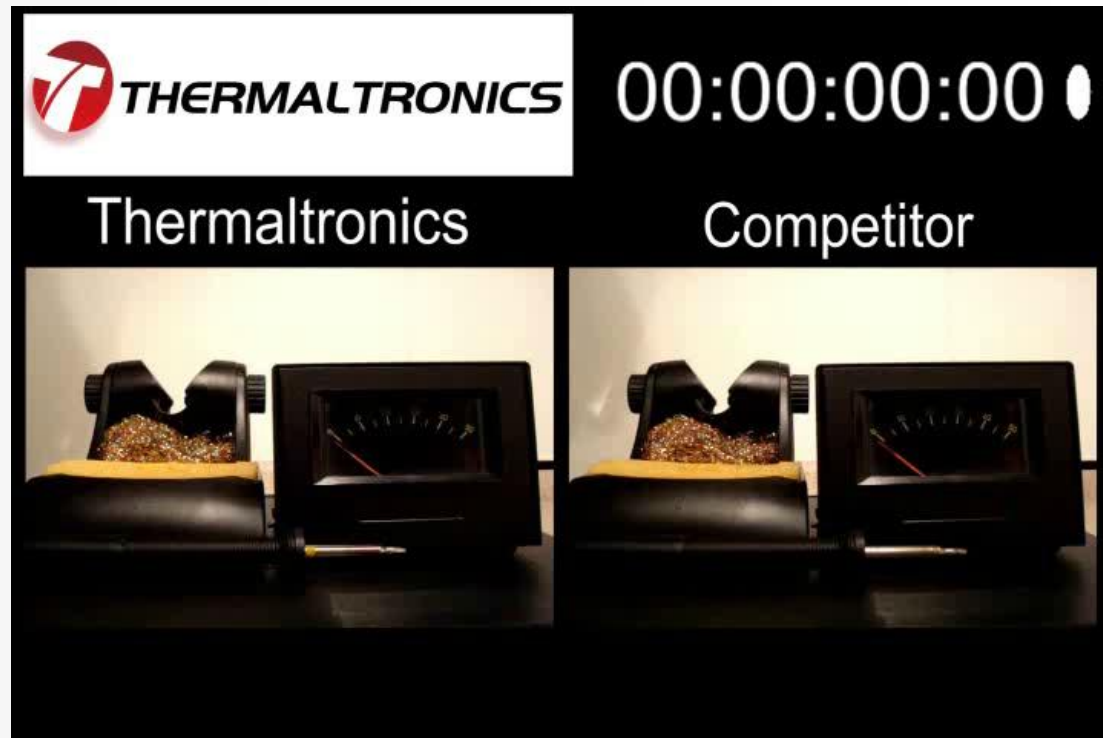


TMT-9000S – Secured Grounding Scheme

- Secured grounding path to insure AC Filter, PCBA, RF connectors, Front and Back enclosure are all physically securely grounded together.

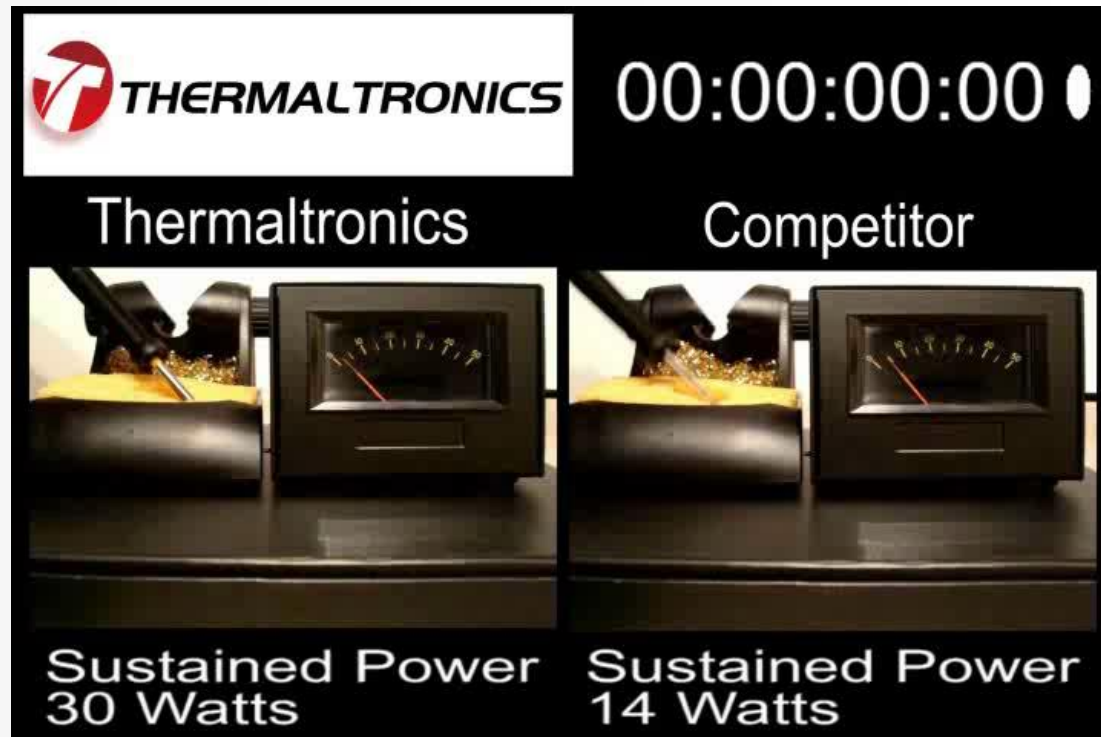


Faster Start-Up



Click above video to play.

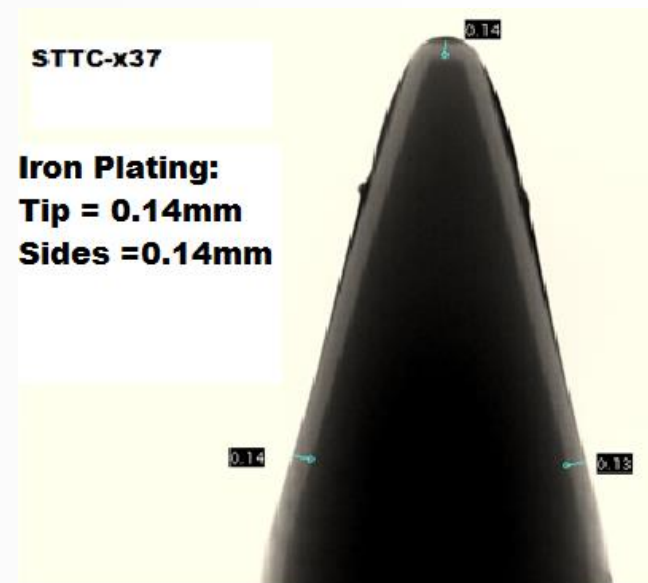
Sustained Power Output



Click above video to play.

Increased Plating

- Increased plating means longer service life.



Gold Plated Connectors

- Gold Plated Connectors improve connectivity and optimizes power transition.



Easy Color Identification

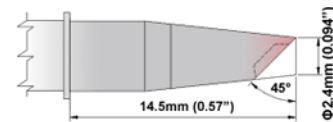
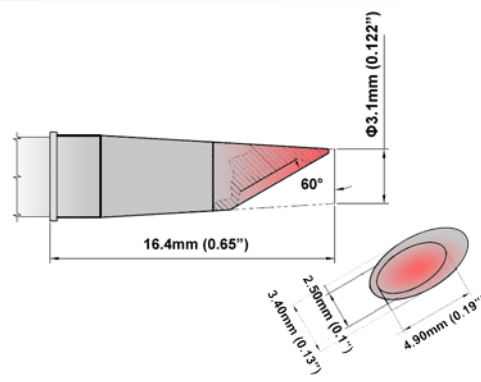
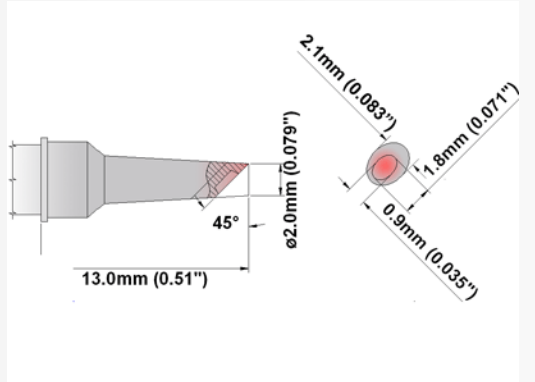
- Color coded bands for easy identification of tip temperatures



Patented colour band for easy temperature identification
Blue = 600 series, **Yellow** = 700 series, **Red** = 800 series

Unique Tip Profiles

- Unique tip profiles such as Mini Wave tips for SMT applications

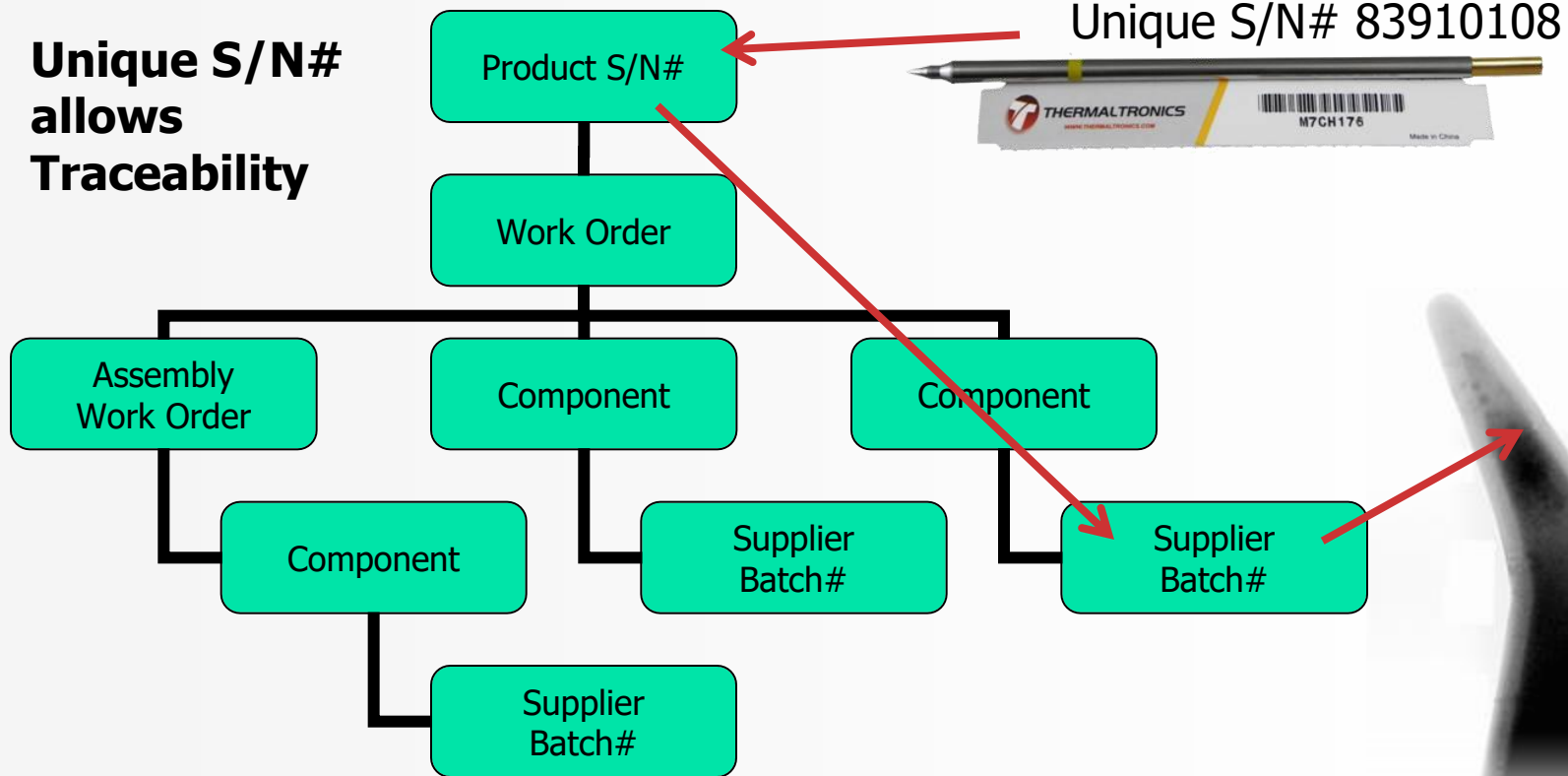


- M Series - Power Plus tips offer high performance and longer tip life.



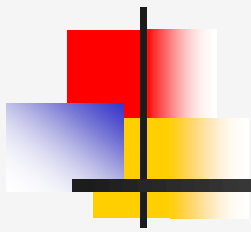
Quality Control & Traceability

**Unique S/N#
allows
Traceability**



Why Thermaltronics?

- Secured Grounding
- Faster Start-up
- Sustained Power Output
- Increased Plating
- Gold Plated Connectors
- Easy Color Identification
- Unique Tip Profiles
- Quality Control & Traceability



Thermaltronics

Quality – Increase Productivity – Cost Reduction

End Presentation