

HT88 AMX66

No Clean High Temp Core Wire

Product Description

HT88 AMX-66 core solder wire is specially formulated for high temperature soldering. The residue is non-corrosive and exhibits excellent electrical and thermal insulation properties.

Application

HT88 AMX66 is easy to use for automatic, manual, rework, point and brush soldering. For the best soldering results, the recommended parameters are shown:

Solder Iron Tips: All Types especially the tapered types
 Soldering Temp: > 400°C
 Soldering Time: 1 - 3 secs

- Keep solder iron tips clean.
- Tinned iron tips before use.
- Wear gloves when soldering to avoid contaminating the wire.

(Note: Soldering parameters are dependent on tip type, soldering station wattage configuration, wire diameter and type of applications.)

Specification

Item	Result
Alloy Composition	Sn10Pb88Ag2
Flux Content	2.0 +/- 0.3 wt%
Halide Content	0.40 wt%
<small>JIS Z 3197 8.1.4.2.1</small>	
<small>JIS Z 3197 8.1.1</small>	
Surface Insulation Resistance (85°C, 85%RH, 168hrs)	
<small>IPC-TM-650 2.6.3.3</small>	> 1 x 10 ⁸ Ω, Pass
<small>JIS Z 3197 8.5.3</small>	> 1 x 10 ¹¹ Ω, Pass
Electromigration (85°C, 88.5%RH, 596hrs)	Pass
<small>IPC-TM-650 2.6.14.1</small>	
Copper Corrosion Test	Pass
<small>IPC-TM-650 2.6.15</small>	
<small>JIS Z 3197 8.4.1</small>	
Copper Mirror Test	Classified as "M", Pass
<small>IPC-TM-650 2.3.32</small>	
<small>JIS Z 3197 8.4.2</small>	
Flux Activity Classification	ROM1
<small>IPC J-STD-004</small>	
Spread Factor	> 90%
<small>JIS Z 3197 8.3.1.1</small>	
Residue Appearance	Light Yellowish

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RESIDUAL REMOVAL

Since the residues are transparent, minimal, dry, non-tacky and practically inert after soldering, removal is usually not necessary. For assemblies that require cleaning, the flux residue of HT88 AMX-66 core wire can be completely removed by any solvent type flux cleaner available in the market.

STORAGE

Store the solder wire in a cool, dry and non-corrosive environment. Wrap up the solder wire when not in use to reduce exposure to environment. HT88 AMX-66 core wire can be kept for 2 years if proper storage conditions are observed.

HEALTH and SAFETY

Wear a chemical mask if the operators are allergic to the fumes released during soldering. For more information, please refer to Material Safety Data Sheet.

PACKAGING

HT88 AMX-66 core wire is commonly available in various diameters such as 0.5, 0.6, 0.8, 1.0, 1.2, 1.6 and 2.0 mm. For different diameters, please specify your requirements.

Packaging	0.25kg	0.50kg	1.0kg
Diameter (mm)	0.5 to 2.0	0.5 to 2.0	0.8 to 2.0

DISCLAIMER OF LIABILITY

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Singapore Asahi Chemical and Solder Industries Pte Ltd
47 Pandan Road Singapore 609288
Tel: +65 6262-1616 Fax: +65 6261-6311
Website: <http://www.asahisolder.com> Email: enquiry@sinasahi.com.sg