

TIN BAR SOLDER ADDITIVE

GENERAL DESCRIPTION

FCT Assembly provides pure Tin Bar Solder Additive to control the tin concentration in Sn63 / Pb37 solder pots. Over time the tin concentration in a 63/37 solder pot will drop and it is necessary to add pure tin to bring the solder back into specification. FCT Assembly Tin Bar is 99.9% pure tin.

APPLICATION

- The recommended tin concentration in a 63/37 solder pot is 62.5 to 63.5% by wt. A formula for addition of tin is shown below.
- Tin add (lbs) = (pot wt lbs) x (63.0 - Tin % analysis) x 0.027

KEY ADVANTAGES

- Maintenance of the tin concentration within specification will enhance wetting and shine of the solder.

RECOMMENDATIONS

- Analysis of solder pots is recommended to be done on a monthly basis. FCT Assembly provides analysis services.
- If the solder pot is found to be out of specification, then analysis should be done more frequently, e.g. on a weekly basis.

SAFETY AND HANDLING

Use in well-ventilated area and observe standard precautions for handling and use. Refer to the Material Safety Data Sheet for further information.

STANDARD PRODUCT AVAILABILITY

UNIT OF MEASURE
25 lb box

MATERIAL SAFETY DATA SHEETS

Material Safety Data Sheets (MSDS) are available online at www.fctassembly.com