

Quality Plating and  
Anodizing for Industry.  
Since 1960.

**ANOPLATE**

# AnoTin

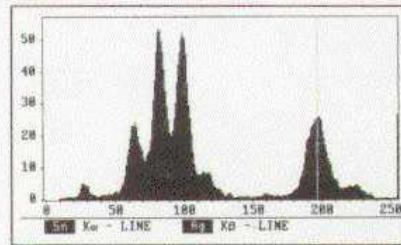
## *Superior tin and tin alloy coatings for the electronics industry*

AnoTin coatings offer readily solderable deposits of varying melting points and as-deposited luster. These versatile tin and tin alloy coatings meet a wide range of industrial specifications as well as the following standard requirements:

AnoTin Type	Gov't	ASTM	AMS
AB, AM	MIL-T-10727	B 545	2408
LB, LM, LL	MIL-P-81728	B 579	NA
IM	MIL-T-81955	NA	2409

Anoplate performs routine solderability tests to assure compliance with governing specifications, including Method 208 of MIL-STD-202. Carbon content of the deposit is analyzed as required to minimize co-deposition of organic matter in the coating.

AnoTin Coating	Coating Characteristics
AnoTin AB	Pure, bright tin deposit with aesthetic appearance suitable for exposed sheet metal parts.
AnoTin AM	Pure, matte tin with best solderability and lowest carbon content.
AnoTin LB	Brightened 60% tin / 40% lead with lowest melting point (360 F).
AnoTin LM	Matte 60% tin / 40% lead. Readily solderable to a high degree.
AnoTin LL	Brightened 93% tin / 7 % lead alloy that prevents tin whiskers and reduces lead content.
AnoTin IM	Immersion tin deposit of 10 to 25 microinches thickness for coating copper, brass, and copper alloy parts.



*Thickness and composition are closely controlled using X-ray fluorescence technology performed several times daily.*

All AnoTin coatings may be reflowed for enhanced appearance, solderability, and storage life. In general, however, AnoTin coatings are formulated so that reflowing is unnecessary.

They can be applied to nearly any substrate material. They are excellent options with various types of underplates, including copper, electroless nickel, and nickel.

Depending on the specific application, Anoplate can engineer the most suitable combination of underplating and AnoTin overplate.