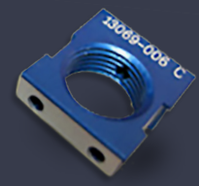
Plating for Electronics, Inc.



COMPLETE PROCESS LIST

781.893.2368

SERVICES	SPECIFICATIONS
ABRASIVE BLASTING	Aluminum Oxide & Glass Bead Available
ANODIZING	MIL-A-8625, Type II, Class 1 & Class 2 Sulfuric Acid MIL-A-8625, Type IIB (Substitute for Chromic, Type 1) ASTM B580 Type B thru F Standard Colors and Custom Colors Available
HARD ANODIZING	MIL-A-8625, Type III, Class 1 & Class 2
HARD ANODIZING WITH TEFLON	MIL-A-63576 Type 1
BLACK EBONOL	MIL-F-495
BRIGHT DIP	Copper & Brass
CADMIUM	Cadmium Plate Per QQ-P-416, Yellow and Clear Type: I and II Class: 1, 2 and 3
CHROMATING	MIL-DTL-5541 Type 1, Yellow or Clear NON Rohs / ASTM B449
CHROMATING (Rohs Compliant)	MIL-DTL-5541 Type II, ASTM B921 - Trivalent Chromate Film RoHS Compliant, containing no Hexavalent Chromium
COPPER	We offer high speed akaline/cyanide copper plating per MIL-C-14550, ASTM-B-734 Classes 5,12, 20, and 25 and AMS 2418 Type I **Please note:** The deposit will range in appearance from dull to Bright depending on thickness of plating, and the condition of the base material
ELECTROPOLISHING	For Stainless Steel
GOLD	MIL-G-45204 / ASTM B488 Grade A and C / Types: I, II, III
LASER MARKING	Engraving, Etching, Part Numbers, Logos Marking on most materials

SERVICES	SPECIFICATIONS
IRIDITE 8P	For Copper Alloys
NICKEL-BRIGHT	Bright hard Electrodeposited Nickel per QQ-N-290, and ASTM-B-689 Type 2, Classes 5, and 25, AMS- 2403, and AMS 2423
NICKEL-DULL	low stress soft dull Sulfamate Nickel per MIL-P-27418, AMS-2424, ASTM-B-689 Type 1, Classes 5, 25, and 50
NICKEL-ELECTROLESS	PHOS Levels RoHS Compliant 6-8% By Weight Non-RoHS compliant 5-7% by Weight AMS 2404 Classes 1-4 MIL-C-26074 Classes 1-4, Grades A,B,and C ASTM-B-733 Classes 1-5, Types I,and IV, SC0,SC1,SC2,and SC3
PASSIVATE STAINLESS STEEL	Cleaning and Passivating of Stainless Steel per ASTM-A-967, QQ-P-35, AMS 2700, ASTM-A-380
PASSIVATE-TITANIUM	Cleaning and Passivating of Titanium per ASTM-F-86
R&D FINISHES	
RHODIUM	ASTM-B-634 Classes 0.05, 0.25, and 0.5 MIL-R-46085, Types I, or II, Classes 1, or 2
SILVER (BRIGHT)	ASTM-B-700 Grades B,& D Types 1,2,&3 Class N,OR S QQ-S-365 Types II, And III, Grades A or B
TIN - MATTE (Rohs Compliant)	Tin Plate Matte only per MIL-T-10727, Type I only thicknesses up to .0006 thick ASTM-B-545 Matte only service classes A,B,C,and F
VAPOR DEGREASING	
ZINC	Zinc Plate ASTM-B-633 SC-1,SC-2, SC-3, and SC-4 TYPES I,II,III, QQ-Z-325 B, Classes 1, 2, and 3, Types I, and II Yellow clear, and Black available

Plating for Electronics, Inc.

QUALITY AND CONSISTENCY: Since 1958, ***Plating for Electronics*** has been providing superior metal finishing and plating services to a wide variety of industries including electronics, semiconductor, medical, defense, laser optics, aerospace and automotive industry clients.

94 Calvary Street, Waltham MA 02453-5920 • Mailing Address: PO Box 540536, Waltham MA 02454

781.893.2368 • fax: 781.893.8273 • email: info@p4e.com • **PlatingForElectronics.com** • **p4e.com**