RFQ for Gold Plating

Feed Pyramid & Arm Assy

2020-04-07

Minex Engineering Corp.   
1000 Apollo Court, Antioch, CA 94509  
Phone: (925) 757-6785

**Introduction:**

Please contact Matt Fleming at 925-757-6785 with any questions. The intent of this project is to gold plate the surfaces of these parts to prevent oxidation and to control the emissivity of the surfaces to reflect radiant head. Only external surfaces require gold finish, however the use of masking will depend on cost.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Part Num | Name | Dimensions  (inches) | Weight  (lbs) | Finish Coat  (sq-in) |
| 1 | 30-29-231 | Feed Core Base | 7.00 x 7.00 x 0.125 thk  Copper C10100 OFE | 1.43 | 78.8 |
| 2 | 30-29-240 | Pyramid Assy | 5.00 square x 21.19 long  Copper C10100 & C14500 soldered. | 6.53 | 359.9 |
| 3 | 30-29-250 | Arm Unit Assy | 7.46 x 21.63 x 0.030 thick  Copper C10100 & soldered. | 0.345 | 80.7 |
| 4 | 30-29-258 | Arm Anchor | 0.625 x 0.781 x 0.500 x 0.219 | .037 | 1.923 |
| 5 | 30-29-259 | Arm Anchor | 0.625 x 0.781 x 0.500 x 0.219 | .037 | 1.923 |

**Plating:**

Mil-G-45204, Type II, Grade C, Class 3

Nickel underplating required 0.0001" thickness

**General Guidelines:**

See images on the following pages for details

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Full Assy | Base | A picture containing table, drawing  Description automatically generated  Pyramid | A close up of a antenna  Description automatically generated  Arm | Anchor  1 tapped  hole | Anchor  2 tapped holes |

|  |
| --- |
| 30-29-231 Feed Core Base |

|  |
| --- |
| A picture containing table, drawing  Description automatically generated  30-29-240 Pyramid Assy Overall view Exterior plating required. |
| A picture containing knife  Description automatically generated A close up of a device  Description automatically generated  30-29-240 Sectioned view. Interior plating optional based on cost. |

|  |
| --- |
| A close up of a antenna  Description automatically generated  30-29-250 Arm Unit Assy. All surfaces require plating. |

|  |  |
| --- | --- |
| A picture containing speaker  Description automatically generated  30-29-258 Arm Anchor 1 tapped hole | A close up of a logo  Description automatically generated  30-29-259 Arm Anchor 2 tapped hole |