



**5.0 Antenna Specifications:**

- 5.1 Nominal Frequency: 2.45 GHz
- 5.2 Frequency Range: 2400 MHz to 2485 MHz
- 5.3 Antenna Gain: 0 dBi nominal  
-2 dBi minimum
- 5.4 VSWR: 2.0:1
- 5.5 Power: Not specified
- 5.6 Polarization: Linear
- 5.7 Nominal Impedance: 50 Ohms

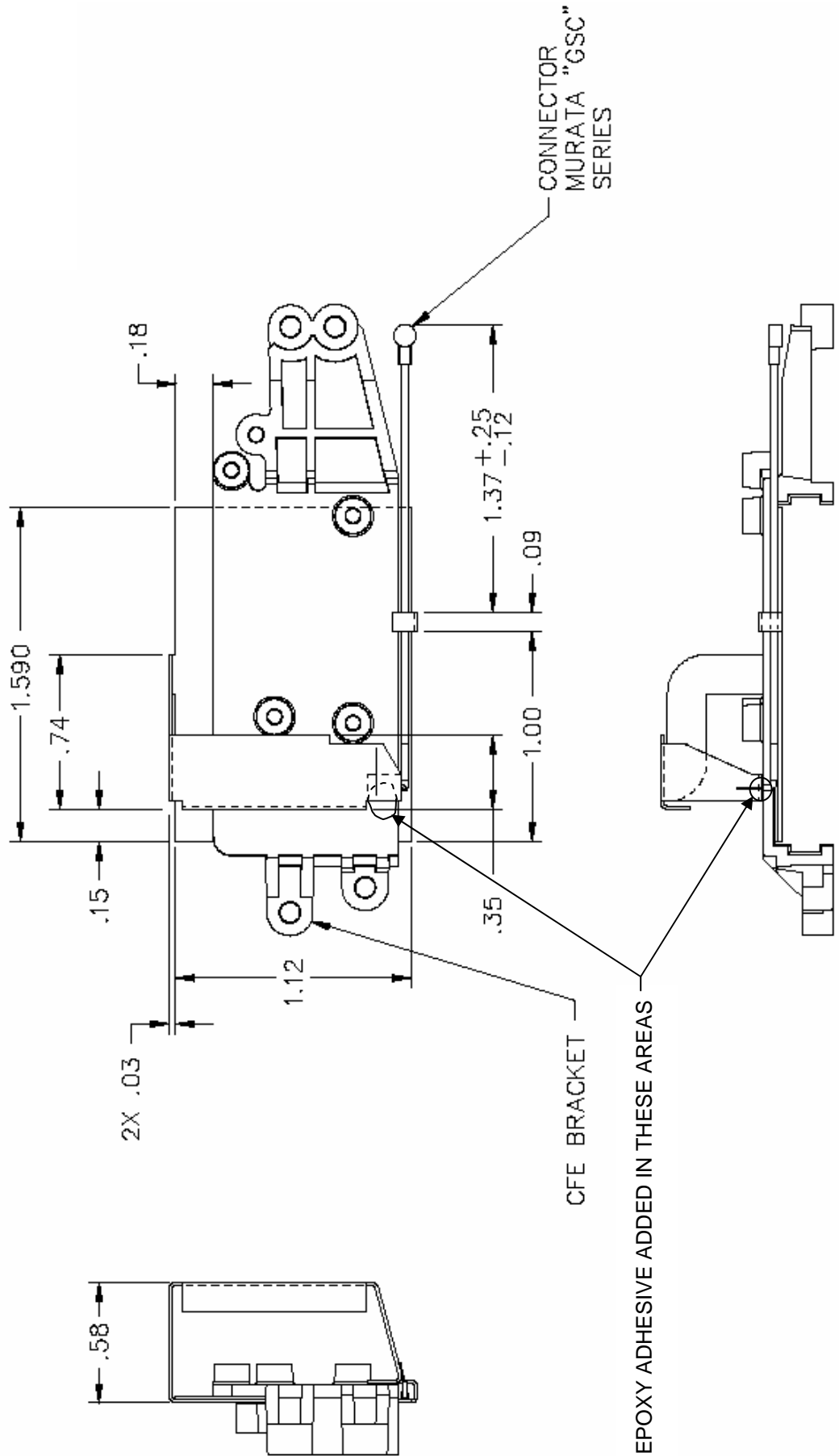
**6.0 Mechanical Ratings:**

- 6.1 Antenna Weight: Not specified
- 6.2 Ambient Operating Temperature: Not specified
- 6.3 Mounting Bracket: -001, -002, -003 & -103 parts use P/N 642-265-001  
-004 & -104 parts use Intermec P/N 642-265-002
- 6.4 Antenna Interconnection Means: Miniature coaxial cable and plug

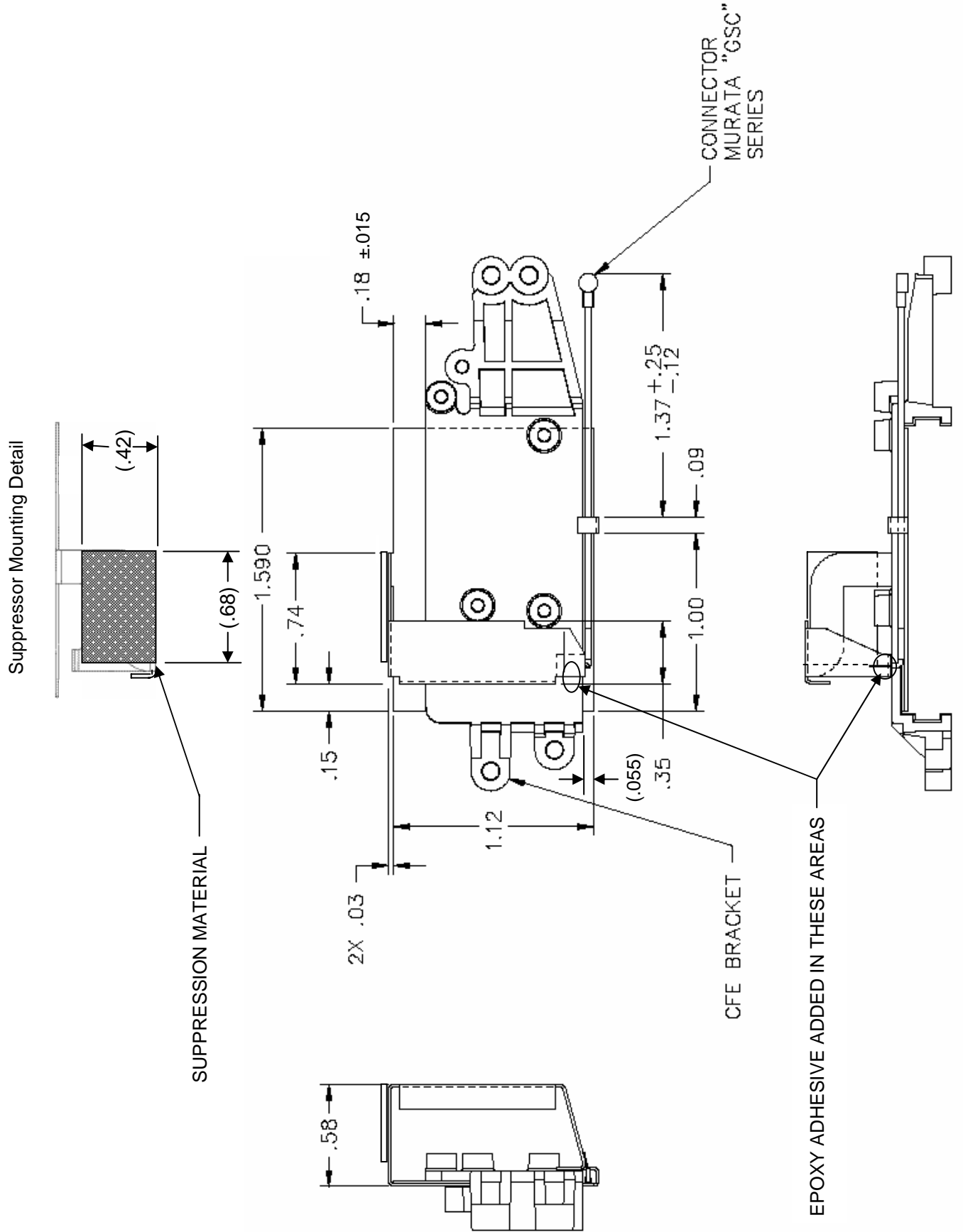
**7.0 Materials:**

- 7.1 Radiator Element: Stamped and formed brass, unplated
- 7.2 Mounting Bracket: Molded thermoplastic, Intermec blue color
- 7.3 Cable: Murata MXTK92 coaxial cable (-0XX parts only)  
Hirose Type 5016 or Amphenol A-113 coaxial cable (-103 & -104 parts)
- 7.4 Coaxial Plug: Murata GSC series coaxial plug (-0XX parts only)  
Hirose U.FL-LP-068 or Amphenol A-1PA-113 (-103 & -104 parts)
- 7.5 Adhesive: 3M Scotch-Weld acrylic adhesive, No. DP-820, two-part epoxy adhesive
- 7.6 Tape (-001 part only): Polyimide (a.k.a. Kapton) film with pressure sensitive adhesive on one side
- 7.7 Gasket Material (-002, -003, -103 & -104 parts only): EMI gasket consisting of conductive jacket over foam material, Intermec P/N 813-154-001 (ref. Chomerics P/N 82-122-74039-00156)
- 7.8 Suppression Material (-003 & -004 parts only): Radiation attenuating impregnated sheet stock (ref. P/N 520-114-001) laminated with acrylic foam transfer tape (ref. 3M P/N 4930), Intermec P/N 754-765-001, attached on adhesive side to antenna element per Paragraph 8.1

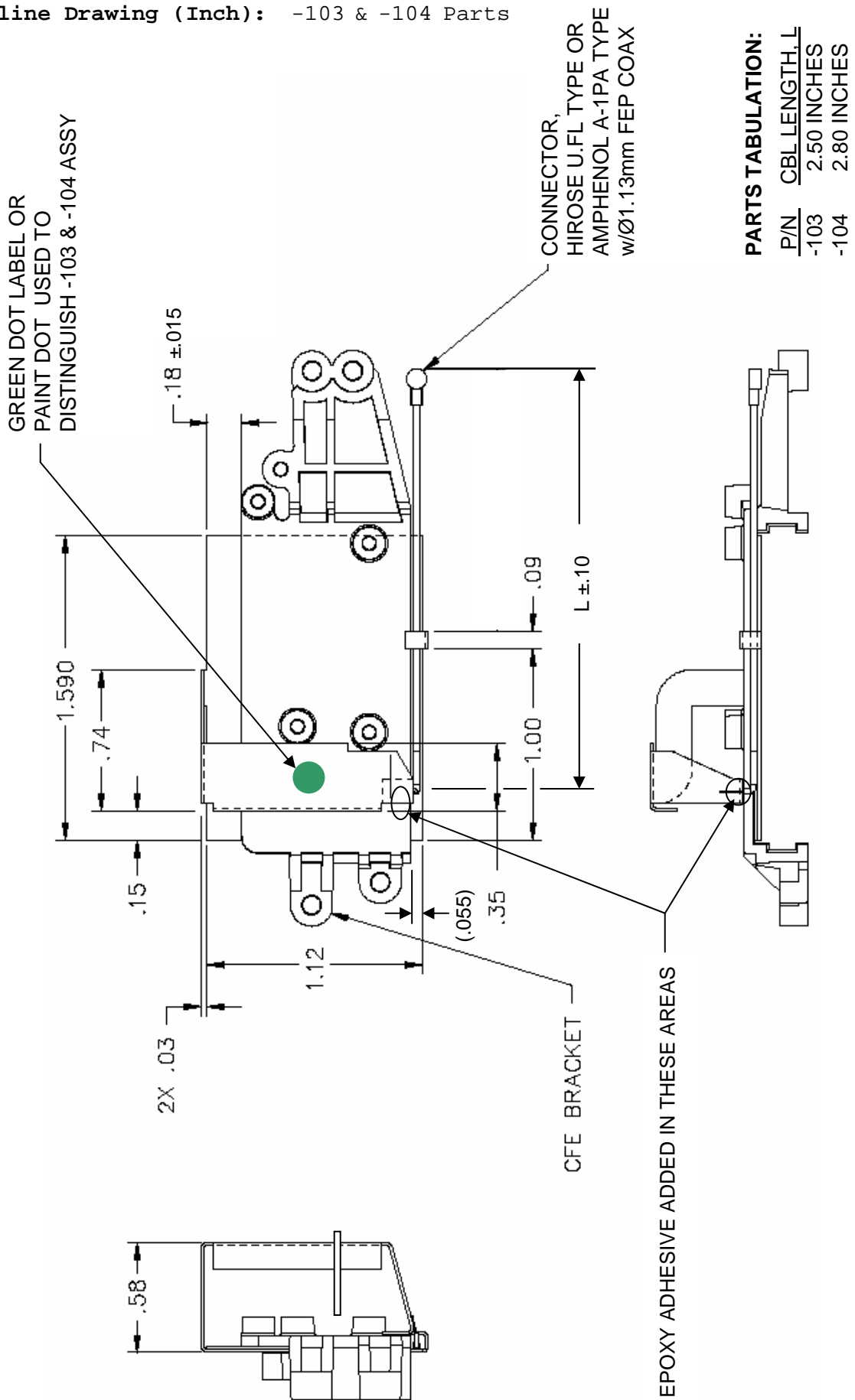
8.0 Outline Drawing (Inch): -001 & -002 Parts



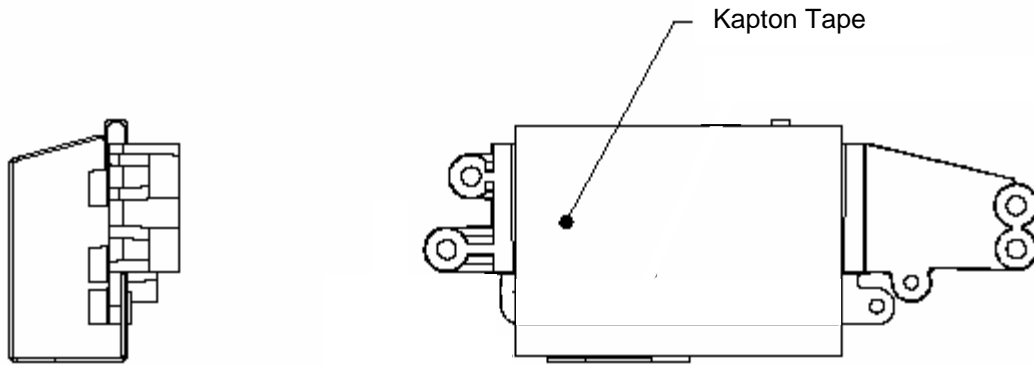
8.1 Outline Drawing (Inch): -003 & -004 Parts



8.2 Outline Drawing (Inch): -103 & -104 Parts



**8.3 Antenna Mounting Base: Isolated Version, -001 Part**



**8.4 Mounting Base: Grounded Version, -002, -003, -004, -103 & -104 Parts**

