

View Online at <https://aerobasegroup.com/nsn/5905-01-537-3185>

**Reliability Indicator:**

Not established

**Body Length:**

1.000 inches

**Body Width:**

1.000 inches

**Body Height:**

0.160 inches

**Distance Between Mounting Facility Centers:**

0.601 inches

**End Application:**

Vertical launching system; ordalt 70019, mk41 mod0, vls, acim, reprogrammed cca

**Mounting Facility Screw Thread Series Designator:**

Unc

**Inclosure Type:**

Encapsulated

**Mounting Thread Quantity:**

32 per inch

**Mounting Facility Screw Thread Diameter:**

0.138 inches

**Mounting Thread Tolerance Class:**

2a external

**Product Name:**

Inavy: snsr assembly, tem a4-a5; mfr: temp sensor assembly

**Special Features:**

Consists of z-shaped bracket (0.090 thk al alloy 5052-h32 iaw qq-a-258/8 with chem film, clear chromate iaw mil-c-5541, cl 3 finish; screws and nuts - 300 series cres, passivated iaw ams 2700; has brass contacts with 20 military tin over 10 military copper finish; 3 position friction lock straightconnector header (5935-01-016-86660, nylon ; printed wiring board (9349424-01 / 53711) is fastened to one leg of bracket with two .112-40unc x .312 lg pan head screws; this leg is approx. 2.00 in, middle section is 1.00 in high, other leg is 0.600 in and has the 2 mounting screws described in mracs.

**Style Designator:**

Probe, surface mounting

**Supplementary Features:**

Connector interfacing: pin 1 - vcc - 5vdc, pin 2 - temp sense output, pin 3 - ground; electrical characteristics: dc input voltage 5vdc, dc current 180 microamps max, temp sense temp range: m40 to p125 deg. C, temp sense output: 100 millivolts at -40 degrees c, 1.75 volts at 125 degrees c, temp semse output linearity: 10 mv per degree c, temp sense output accuracy: +/-20 at 25 degrees c, less than or equal to +/-3 c at 0 degrees c and 55 degrees c

**Terminal Type And Quantity:**

3 pin

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No