

View Online at <https://aerobasegroup.com/nsn/5962-01-560-7459>

**Overall Length:**

9.9 millimeters

**Overall Height:**

1.75 millimeters

**Overall Width:**

3.9 millimeters

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**End Application:**

Radar system 3d long range band d

**Inclosure Configuration:**

Pin grid array

**Output Logic Form:**

Diode logic

**Design Function And Quantity:**

10 clock

**Terminal Surface Treatment:**

Nickel and gold

**Voltage Rating And Type Per Characteristic:**

2.0 volts input and 6.0 volts input

**Memory Capacity:**

10 bits

**Special Features:**

Part description, hc series, syn postive edge triggered 10-bit; high-speed cmos logic decade counter/divider with ten decoded outputs; package description, green plastic, ms-012ac, soic-16; 1 number of functions; up count direction; syn mode of operation; positive edge trigger type; 345 propagationdelay; surface mount, yes; 1 moisture sensitivity level; the carry (tc) output transitions low to high after output 10 goes low, and can be used in conjunction with the clock enable (ce) to cascade several stages

**Precious Material And Location:**

Terminalaau000finish palladium

**Precious Material:**

Palladium and gold

**Terminal Type And Quantity:**

8 pin

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0