

View Online at <https://aerobasegroup.com/nsn/5840-01-478-8454>

**Reliability Indicator:**

Established

**Surface Luster:**

Mirror

**Environmental Protection:**

Salt spray resistant

**Operating Temperature Range:**

-40.0/+65.0 degrees celsius

**Average Life Rating:**

50000.0

**Storage Temperature Range:**

-62.0/+75.0 degrees celsius

**Average Life Measurement:**

Hours

**End Application:**

142076- (24930), transmitter group (ssm)

**Basic Shape Style:**

Rectangular or square

**Maximum Operating Altitude Rating:**

10000.0 feet

**Inclosure Type:**

Hermetically sealed

**Storage Type:**

General purpose warehouse

**Circuit Construction Type:**

Solid state

**Special Features:**

Drawing name: modulator magnetics module; the pulse transformer is a high voltage pulse transformer. It steps up a pulse from a pfn from 2800 volts to 45000 volts. The transformer consists of a single primary and two secondaries. The secondaries allow dc filament power to be provided to the twt cathode filament. The pulse transformer should be a high frequency, low capacitance design optimized for pulsed twt loads. Very detailed information contained within the drawing located in jedmics using reference number 00132101

**Color:**

Gray

**Test Data Document:**

8x691-00132101 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A32200