

View Online at <https://aerobasegroup.com/nsn/5962-01-461-8800>

**Body Length:**

2.020 inches

**Body Width:**

1.140 inches

**Body Height:**

0.230 inches

**Operating Temperature Range:**

+0.0/+70.0 degrees celsius

**Storage Temperature Range:**

-40.0/+120.0 degrees celsius

**End Application:**

Motor control, theodolite, radar antenna position information, cnc machine tooling, robot axis control, and process control

**Inclosure Configuration:**

Pin grid array

**Output Logic Form:**

Diode logic and resistor-diode logic

**Design Function And Quantity:**

1 converter, resolver to digital

**Product Name:**

Resolver to digital converter

**Voltage Rating And Type Per Characteristic:**

-10.0 volts output and 10.0 volts output

**Special Features:**

Programmable resolution, bandwidth, and velocity output voltage; accuracy to porm 2.3 arc min.; built-in test (bit) and loss-of-signal (los) outputs; signal input option, converter, analog conditioner, power supply conditioner, and digital interface functional parts; 11.8v, 2 pct. Linearity; 3 min. Plus 1 lsb (four lsb differential linearity); attach to pc board using hand solder or wave soldering techniques limiting exposure to 300 degc max. For 10 seconds max.; contains sn60 or sn62 solder which makes it melt at 180 degc

**Terminal Type And Quantity:**

40 pin

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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