

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 form 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 lsbs 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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