

View Online at <https://aerobasegroup.com/nsn/5825-01-229-1018>

Overall Length:

14.000 inches

Overall Height:

9.000 inches

Overall Width:

5.000 inches

Dc Voltage Rating:

Between 21.0 volts and 33.0 volts

End Application:

Navstar global positioning system

Joint Electronics Type Designation System Item Name:

Receiver, radio

Electrical Power Source Relationship:

Self-contained

Internal Battery Accommodation:

Included

Installation Design:

Portable

Input Frequency Rating:

1575.420 megahertz and 1227.600 megahertz

Receiver Emission Type:

P3f

Guard Channel:

Not included

Auxiliary Bandsread Tuning Feature:

Not included

Plug-in Tuning Unit:

Not included

Criticality Code Justification:

Feat

Special Features:

Electrostatic sensitive discharge

Functional Description:

Will receive navigation signals via antenna from navstar satellites at 1575.42 and 1227.6 mhz; these signals shall be processed to determine user's three dimensional position, velocity, and time; unit will perform navigation functions and coordinate transformations; will provide data to and receive control inputs from external control and display device; input power will be received from a 28 vdc battery or an external vehicular power adapter

Supplementary Features:

Installs on ground troops pack frame fsn 8465-001-6475; hold-hook provided for vehicle installation; matl: aluminum

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

T199-d