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End Application:

An/fsq-15 (v) , afscn/cue

Special Features:

Drawing name: reel servo mda assembly

Functional Description:

Kprovides variable electrical current for the mechanical control of the correct magnetic tape loop size in the vacuum chambers. When the magnetic tape is threaded, power applied, and the forward pushbutton is pressed, the capstan pulls tape from the upper vacuum chamber and pushes it into the lower one. Signals generated in the vacuum chambers are federal to the reel servo electronics causing them to drive the reel motors so that they maintain the tape loops near the centers of the vacuum chambers. Electrical output of the photocell in each reel servo is amplified, phase-corrected, and used to control the mda. Output of the mda is current which crives the associated reel motor to a position to correct any error loop length

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

T213-n