

## FEATURES:

- MINIATURE SIZE
- LOW VSWR
- HIGH DIRECTIVITY
- R.F. SHIELDED
- QUALIFIED TO MIL-E-5400 AND MIL-STD-2036

## ELECTRICAL CHARACTERISTICS:

|  |                            |
|--|----------------------------|
| Part Number                            | AX03-1420                  |
| Operating Frequency Range              | 1.000 to 18.000 GHz        |
| Frequency Sensitivity                  | $\pm 0.50$ dB              |
| Coupling                               | $20 \pm 1.00$ dB           |
| True Insertion Loss                    | 0.90 dB max.               |
| Insertion Loss Excluding Coupled Power | 0.80 dB max.               |
| VSWR-Primary Line                      | 1.40:1 max.                |
| VSWR-Secondary Line                    | 1.50:1 max.                |
| Directivity                            | 12 dB min. (12.4-18.0 GHz) |
| Average Incident Power                 | 25W                        |
| Average Reflected Power                | 20 W                       |
| Peak Power                             | 3 KW                       |
| Operating Temperature Range            | -30°C to 70°C              |

Specifications subject to change without notice.

## MECHANICAL CHARACTERISTICS:

Material: Housing-Alum. 6061T6

- : Connectors-Passivated Stainless Steel
- : Termination-Passivated Stainless Steel Housing

