

1. SPECIFICATIONS HERE APPLY UNLESS STATED OTHERWISE
2. MATERIAL: 6061-T651 ALUMINUM
3. SURFACE FINISH: ANODIZED BLACK (MIL-A-8625, TYPE II, CLASS 2)
4. UNITS: MILLIMETERS
5. GENERAL TOLERANCE OF 0.2MM APPLIES AS PROFILE OF A SURFACE FEATURE CONTROL TO SURFACES SPECIFIED IN ATTACHED CAD MODEL, EXCLUDING HOLE AND THREAD DEPTH. GENERAL TOLERANCE FOR HOLE AND THREAD DEPTH IS 0.3MM. GENERAL TOLERANCES APPLY UNLESS OTHERWISE SPECIFIED.
6. SURFACE ROUGHNESS (RA): 1.6  $\mu$ m
7. LINEAR TOLERANCE:  $X.X \pm 0.5MM$ ,  $X.XX \pm 0.1MM$
8. ANGULAR TOLERANCE:  $X \pm 2^\circ$ ,  $X.X \pm 0.5^\circ$ ,  $X.XX \pm 0.1^\circ$
9. ANGULAR TOLERANCE OF  $0.05^\circ$  ON ALL IMPLIED SQUARE FEATURES
10. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994
11. DEBUR AND BREAK ALL SHARP EDGES, MAX 0.2 MM
12. PARTS ARE TO BE CLEAN AND FREE OF OIL AND OTHER CONTAMINANTS
13. DIMENSIONS AND THREADED HOLE CLASS OF FIT APPLY AFTER CHEMICALLY APPLIED FINISHES IF APPLICABLE
14. THREADED HOLES MUST NOT BE USED FOR ANODIZATION RACKING

