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<p>NOTES: (UNLESS OTHERWISE SPECIFIED)</p> <p>1. DRAWING INDICATES FIRST ARTICLE INSPECTION X-X, CRITICAL-TO-FUNCTION CTF, AND STATISTICAL PROCESS CONTROL SPC DIMENSIONS. ASSOCIATED CAD FILE DEFINES ALL NON-DIMENSIONED FEATURES (DEFAULT TOLERANCES APPLY TO NON-DIMENSIONED FEATURES).</p> <p>2. DEFAULT TOLERANCES:</p> <table border="0"> <tr><td>0 - 25 mm:</td><td>± 0.10 mm</td></tr> <tr><td>25.01 - 50 mm:</td><td>± 0.12 mm</td></tr> <tr><td>50.01 - 100 mm:</td><td>± 0.15 mm</td></tr> <tr><td>100.01 - 150 mm:</td><td>± 0.20 mm</td></tr> <tr><td>150.01 - 250 mm:</td><td>± 0.25 mm</td></tr> <tr><td>> 250 mm:</td><td>± 0.30 mm</td></tr> <tr><td>ANGLES:</td><td>$\pm 0.5^\circ$</td></tr> </table> <p>3. MATERIAL: ADC12</p> <p>4. SURFACE ROUGHNESS SHALL BE MAXIMUM 1.6</p> <p>5. BREAK SHARP EDGES TO 0.20 MAX. REMOVE ALL BURRS.</p> <p>6. DIMENSIONS APPLY BEFORE FINISH, EXCEPT WHERE NOTED.</p> <p>7. FINISH: AS DETAILED ON FINISH SHEET.</p> <p>8. PART VOLUME APPROXIMATELY: 26107.576 mm^3</p> <p>9. STRAIGHT EDGES TO HAVE STRAIGHTNESS TOLERANCE OF 0.05 mm PER 25 mm, NOT TO EXCEED 0.25 mm OVER ENTIRE LENGTH.</p> <p>10. FLAT SURFACES TO HAVE FLATNESS TOLERANCE OF 0.10 mm PER 25 mm, NOT TO EXCEED 0.25 mm OVER ENTIRE SURFACE.</p> <p>11. PARTING LINE MISMATCH NOT TO EXCEED 0.10 mm.</p> <p>12. GATE TRIM TO BE FLUSH, OR RECESSED BELOW SURFACE 0.10 mm MAX.</p> <p>13. FLASH NOT TO EXCEED 0.10 mm.</p> <p>14. VISIBLE SURFACES TO BE FREE OF SINKS, GATE MARKS, EJECTOR MARKS, POROSITY, AND OTHER COSMETIC DEFECTS.</p> <p>15. CASTING TOOL TO BE PROPERTY OF RED DIGITAL CINEMA AND SHALL BE PROMINENTLY STAMPED OR ENGRAVED ON THE OPERATOR SIDE WITH RED DIGITAL CINEMA, PART NUMBER, ASSET NUMBER, TOOL WEIGHT, AND DATE.</p> <p>16. CASTING TOOL DESIGN, EJECTOR PIN, PARTING LINE AND GATE LOCATION TO BE APPROVED BY RED DIGITAL CINEMA IN WRITING PRIOR TO TOOL FABRICATION.</p> <p>17. IN INDICATED AREA, ENGRAVE THE PART NUMBER AND REVISION, USING 3.5 mm TEXT HEIGHT.</p> <p>18. DIMENSIONS APPLY AFTER FINISH.</p> <p>PRO</p>								0 - 25 mm:	± 0.10 mm	25.01 - 50 mm:	± 0.12 mm	50.01 - 100 mm:	± 0.15 mm	100.01 - 150 mm:	± 0.20 mm	150.01 - 250 mm:	± 0.25 mm	> 250 mm:	± 0.30 mm	ANGLES:	$\pm 0.5^\circ$																																																																
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