CATALOG LISTING MICRO SWITCH SWITCH - ENCLOSED 21HE309 a Honeywell Division FED. MFG. CODE 91929 ROLLER GUIDE MAY BE LOCKED IN INCREMENTS OF 45° AZIMUTH. IT MAY ALSO BE UNSCREWED AND REMOVED FROM BUSHING TO FACILITATE INSTALLATION 4 Ø1.0 CIRCUIT DIAGRAM 21HE309 -6X NO. 20 WIRE LEAD PER MIL-W-22759/34 MARKED WITH CIRCUIT IDENTIFICATION AND WIRE GAGE (1-20, 2-20, ETC.) PER MIL-W-5088 200.000 MIN 🛕 - .375±.030 -Ø.750 Ø.5 X .12 WIDE CORROSION RESISTANT STEEL ROLLER 072±.004 WIDE X ▼.038±.003 KEYWAY TO WITHIN . 250 OF SHOULDER 4  $1.781 \pm .030$ - roller guide lock ring  $\sqrt{4}$ . 75 FREE POSITION -2X HEX NUT .812 ACROSS FLATS X .125 THICK  $\overline{/7}$ Ø.047 HOLE  $.657 \pm .030$ CORROSION RESISTANT STEEL INTERN<u>A</u>L TOOTH A CO96009 FOR WIRE LOCKING LOCKWASHER,  $\emptyset$ .87 X (.022) THICK  $\sqrt{7}$ TSM 27JAN00 CORROSION RESISTANT STEEL KEYING WASHER  $\emptyset$ .87 X .040 THICK, TAB .110 WIDE  $\sqrt{7}$ MICRO SWITCH (MS25081C6) .980 MAX ─5/8-24 UNEF THREAD TO WITHIN .125 OF SHOULDER (0)000000 NOTES I - CORROSIVE RESISTANT STEEL ENCLOSURE - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 5 THIRD ANGLE PROJECTION CIRCUIT DIAGRAM AND CATALOG LISTING ARE SHOWN ON NAMEPLATE THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH. A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH TO ADJUST ROLLER DIRECTION, REMOVE ROLLER GUIDE LOCK RING, SCREW CHARACTERISTICS ELECTRICAL DATA ROLLER GUIDE DOWN AS FAR AS POSSIBLE, THEN UNSCREW TO DESIRED SCALE FULL CONTACT ARRANGEMENT DIRECTION. SECURE BY REPLACING ROLLER GUIDE LOCK RING OPERATING FORCE ----- 6-12 LB DO NOT SCALE PRINT 2X S P D T 5 - COINCIDENCE OF OPERATING AND RELEASING POINTS: UNLESS OTHERWISE SPECIFIED FULL OVERTRAVEL FORCE ---- 30 LB MAX TOLERANCES ARE .010 INCH OF PLUNGER TRAVEL 28 VDC RELEASE FORCE ---- 4 LB MIN LOAD ONE PLACE (.0) ±.030 6 - FOR OPERATION IN TEMPERATURES OF -65° TO +257° SEA LEVEL 100,000 FT. TWO PLACE (.00) ±.015 HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805 5 5 RES DIFFERENTIAL TRAVEL ---- .020 MAX THREE PLACE (.000) ±.005 IND ANGLES MOTOR WEIGHT 12 OZ MAX ANSI YI4.5M-1982 APPLIES