CATALOG LISTING MICRO SWITCH SWITCH - ENCLOSED 602EN181-5 a Honeywell Division FED. MFG. CODE 91929 CIRCUIT DIAGRAM 602EN181-5 .072±.004 WIDE X ▼.031±.003 KEYWAY **◄**— Ø . 250 TO WITHIN .250 OF SHOULDER — SR. 47 -CORROSION RESISTANT STEEL PLUNGER AND BUSHING Ø.047 HOLE FOR -WIRE LOCKING -15/32-32 UNS-2A THREAD TO WITHIN .093 OF SHOULDER -2X HEX NUT .62 ACROSS FLATS X .125 THICK $.875 \pm .030$ (MS2|340-04) FREE .625±.030 POSITION -INTERNAL TOOTH LOCKWASHER Ø.60 X (.018) THICK (MS35333-136) A 206054 -CORROSION RESISTANT STEEL KEYING WASHER \emptyset .72 X .040 THICK, TAB .110 WIDE (MS2508IC4) 1.300 MAX **←** 6X .500 MAX I - SWITCH MEETS THE REQUIREMENTS OF MIL-PRF-8805/43 EXCEPT AS NOTED .688±.030 — 2 - CONTACT VOLTAGE DROP (INCLUDING LEADWIRES) SHALL NOT EXCEED 0.04 VOLTS WITH A LOAD BETWEEN 2 TO 6 VDC AND 100 ma LEADWORE PER IL-W-22759/6 MARKED WITH CIRCUIT IDENTIFICATION AND GAGE (1-20, 2-20, ETC) PER MIL-W-5088
THE LEADWIRE SHALL BE DOUBLE SHIELDED WITH NICKEL COATED COPPER WIRE THE SHIELD SHALL BE CIRCUMFERENTIALLY BONDED ELECTRICALLY TO THE SWITCH HOUSING WITH LESS THAN 2.5 MILLIOHMS RESISTANCE 6 - THE SWITCH WHEN TESTED PER MIL-STD-202 METHOS 14, TEST CONDITION 1, THIRD ANGLE PROJECTION THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH. A DIVISION OF TEST CONDICTION LETTER F, SHALL MEET THE FOLLOWING RANDOM VIBRATION PROFILE: \oplus =HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH 20 TO 60 Hz 3db/OCTAVE INCREASE CHARACTERISTICS ELECTRICAL DATA SCALE FULL 60 TO 200 Hz $0.03 \, G^2/Hz$ CONTACT ARRANGEMENT 3db/OCTAVE DECREASE 200 to 300 Hz OPERATING FORCE ____ 6 - 12 LB DO NOT SCALE PRINT 2X S P D T 300 TO 1000 Hz $0.02 \, G^2/Hz$ UNLESS OTHERWISE SPECIFIED FULL OVERTRAVEL FORCE ---- 30 LB MAX TOLERANCES ARE 1000 to 2000 Hz 6 db/OCTAVE DECREASE 28 VDC RELEASE FORCE 4 LB MIN LOAD ONE PLACE (.0) ±.030 7 - PRINT CIRCUIT DIAGRAM, DATE CODE, MANUFACTURING CODE, NSN NUMBER, SEA LEVEL 50,000 FT PRETRAVEL ______ .040 MAX TWO PLACE (.00) ±.015 AND CONTRACT NUMBER ON NAMEPLATE DIFFERENTIAL TRAVEL _____ .020 MAX RES REPLACEMENT MOUNTING HARDWARE - PACKET 19PA9 THREE PLACE (.000) ±.005 4 4 OVERTRAVEL ______ .125 MIN HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805} ANGLES MOTOR 4 WEIGHT ANSI YI4.5M-1982 APPLIES

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