

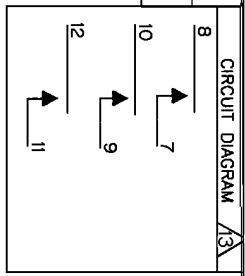
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**MICRO SWITCH**  
a Honeywell Division  
FED. WFG. CODE 91929

**SWITCH - ENCLOSED**

CATALOG LISTING  
**622EN242-6B**  
CUSTOMER PART NUMBER  
06ND-78304-503

CIRCUIT DIAGRAM



- NOTES
- 1 - CORROSION RESISTANT STEEL ENCLOSURE AND PLUNGER
  - 2 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
  - 3 - PRINT CIRCUIT DIAGRAM, CATALOG LISTING, DATE CODE, AND CUSTOMER PART NUMBER 06ND78304-503, REV LETTER, S/N MFR29957
  - 4 - MINIMUM MECHANICAL LIFE: 100,000 CYCLES
  - 5 - VIBRATION PER RTCA-DO-160C, SECTION 8 CURVE W
  - 6 - TEMPERATURE RANGE: -67°F TO +302°F
  - 7 - 3X CABLES PER RMS M27500-22RC2506, GROUNDED TO SWITCH HOUSING
  - 8 - ICING PER RTCA-DO-160C, SECTION 24 CATEGORY B
  - 9 - SHOCK PER RTCA-DO-160C, SECTION 7
  - 10 - SALT SPRAY PER RTCA-DO-160C, SECTION 14, CATEGORY S
  - 11 - FLUID REQUIREMENTS PER RTCA-DO-160C, SECTION II, CATEGORY F
  - 12 - CLEARANCE HOLE FOR OUTER KEYS AT .38 FROM SWITCH MOUNTING HOLE, Ø.125 AND .065 MINIMUM DEEP ON PANEL. LABEL ENDS OF LEADWIRES - 8, 10, 12 COMMON WHITE WIRES
  - 13 - HARDWARE MAY BE FURNISHED UNASSEMBLED
  - 14 - STRAIN RELIEF PER M23053/4, CLASS II
  - 15 - MINIMUM ELECTRICAL LIFE: 100,000 CYCLES
  - 16 - TEMPERATURE VARIATION PER RTCA-DO-160C, SECTION 5
  - 17 - TEMPERATURE VARIATION PER RTCA-DO-160C, SECTION 5

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**CHARACTERISTICS**

OPERATING FORCE	6-12 LBS
FULL OVERTRAVEL FORCE	30 LBS MAX
RELEASE FORCE	4 LBS MIN
PREFRAMEL	.040 MAX
DIFFERENTIAL TRAVEL	.020 MAX
OVERTRAVEL	.250 MIN

**ELECTRICAL DATA**

CONTACT ARRANGEMENT	
3X S P N O - GOLD	
LOAD	28 VDC
SEA LEVEL	50,000 FT
RESISTIVE	10-50MA
INDUCTIVE	—

**SCALE**

DO NOT SCALE PRINT	NONE
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	
ONE PLACE	±.050
TWO PLACE	±.015
THREE PLACE	±.005
ANGLES	±
WEIGHT	

ANSI Y14.5-1982 APPLIES

