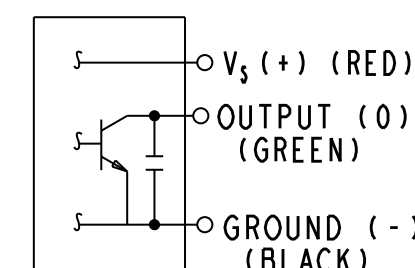


2AV54

6

ITC
Y

- 1 OVER VOLTAGE RANGE OF 4.5 TO 24 VDC AND TEMPERATURE RANGE OF -40°C TO +150°C
- 2 SWITCH IS OFF (RELEASED) WHEN VANE IS IN GAP
- 3 CHARACTERISTICS MEASURED WITH THE VANE AT NOMINAL DIMENSION AND A 20mA LOAD
- 4 A $0,79 \pm 0,01$ THICK CRS (ANNEALED 1010-1018 OR LOWER CARBON) VANE OF SHOWN DIMENSIONS IS TO BE USED WHEN CHECKING MECHANICAL CHARACTERISTICS. VANE CENTER TO BE HELD $5,30 \pm 0,05$ FROM RIVET CENTERLINE
- 5 B_0 = (MECHANICAL CHARACTERISTICS CENTER REFERENCE POINT), DETERMINED BY THE EQUATION: $(A+B+C+D)/4=B_0$. OPERATE = TRAILING EDGE TRIGGER POINT. RELEASE = LEADING EDGE TRIGGER POINT. DIFFERENTIAL = OPERATE MINUS RELEASE (A - C)
- 6 ABSOLUTE MAXIMUM RATINGS ARE THE EXTREME LIMITS THE DEVICE WILL WITHSTAND WITHOUT PERMANENT DAMAGE TO THE DEVICE. HOWEVER, DEVICE OPERATION IS NOT GUARANTEED AS MAXIMUM LIMITS ARE APPROACHED
- 7 MAX RISE TIME IS BASED ON 4700 pF +20% -10% CAPACITOR FROM OUTPUT TO COMMON (GROUND)
- 8 THIS DIMENSION TO BE MEASURED FROM BASE OF IC TOWER TO MAGNET FACE. STEADY STATE DEFLECTION AT TOP OF IC TOWER MAY NOT EXCEED 0,10 ABSOLUTE, RELATIVE TO DATUM A
- 9 THIS DIMENSION TO BE MEASURED FROM BASE OF IC TOWER TO RIVET CENTERLINE
- 10 EPOXY IN THIS AREA MAX. 0,3 HEIGHT PERMISSIBLE
- 11 CATALOG LISTING AND DATE CODE MARKED THIS SURFACE
- 12 A POSITIVE DELTA OPERATE MEANS THE OPERATE POINT IS MOVING AWAY FROM B_0 . A POSITIVE DELTA RELEASE MEANS THE RELEASE POINT IS MOVING TOWARD B_0 . DELTAS ARE REFERENCED FROM CHARACTERISTIC MEASUREMENT AT 12 VDC AND 25°C
- 13 WIRES ARE 24 AWG CROSS-LINKED POLYETHYLENE



BLOCK DIAGRAM SHOWING CURRENT SINKING OUTPUT

1

ESD SENSITIVITY:
CLASS 3



DO NOT SCALE PRINT

DIN.	TOL.	DIN.
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0: 00:00

SYMMETRIC	US C

UNITS		
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MICRO SWITCH
a **Honeywell Division**

SOLID STATE VANE SWITCH

2AV54

ANSI Y14.5M-1982 APPLIES

FED MEG CODE 91939