

AWG NO. 20 WIRE LEAD PER MIL-W-22759/11 CODED
COMMON: GREEN
N.O.: RED
N.C.: BLACK

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CHARACTERISTICS	ELECTRICAL DATA	
PRETRAVEL-----	.040 MAX	CONTACT ARRANGEMENT SPDT
OPERATING FORCE-----	3-17 LBS	(SILVER CONTACTS)
TOTAL TRAVEL-----	.300 MIN	LOAD (AMPS)
CLICK DISTANCE-----	.150 - .170	28 VDC
RELEASE FORCE-----	2 LB MIN	SEA LEVEL
ACTUATOR FORCE-----	17 LB MAX	50,000 FT

RASTER

DRAWN

DLT

2 OCT 99

CHECK

SAV

2 OCT 99

1

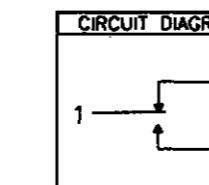
THIRD ANGLE PROJECTION

SCALE **NONE**

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE
ONE PLACE (.0) ± .030
TWO PLACE (.00) ± .015
THREE PLACE (.000) ± .005
ANGLES ± 4°

WEIGHT



NOTES

- 1 - THE SWITCH WILL SELF ADJUST TO THE PROPER RELATIONSHIP WITH THE ACTUATOR UPON COMPLETION OF THE FIRST CYCLE. THIS RELATIONSHIP WILL REMAIN CONSTANT UNTIL THE ACTUATOR HAS A GROSS CHANGE IN DISPLACEMENT. THE SWITCH MAY BE REINSTALLED TO THE NEW OR OLD ACTUATOR DISPLACEMENT AND ONCE AGAIN IT WILL SELF ADJUST TO THE PROPER RELATIONSHIP
- 2 - CORROSION RESISTANT STEEL ENCLOSURE, BUSHING AND PLUNGER
- 3 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
- 4 - SHOCK PER MIL-PRF-8805 SYMBOL M
- 5 - VIBRATION PER MIL-PRF-8805 GRADE 1
- 6 - MINIMUM MECHANICAL LIFE: 50,000 CYCLES
- 7 - MINIMUM ELECTRICAL LIFE: 25,000 CYCLES AT RATED LOAD
- 8 - PRINT CIRCUIT DIAGRAM, FED. MFG. CODE, CATALOG LISTING, DATE CODE AND CUSTOMER PART NO. N531-5181
- 9 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805
- 10 - INITIAL OPERATION OF THE SWITCH WILL OCCUR WITHIN THE PRETRAVEL SPECIFICATION AND RELEASE PER THE CLICK DISTANCE SPECIFICATION. CLICK DISTANCE IS THE DISTANCE THE PLUNGER RETURNS FROM THE DOWNWARD STROKE TO THE POINT OF CIRCUIT TRANSFER
- 11 - INSTALLATION OF THE SWITCH SHOULD DEPRESS THE PLUNGER A MINIMUM OF THE SUM OF THE PRETRAVEL AND THE CLICK DISTANCE. IF THE PLUNGER TRAVEL IS LESS THAN THIS SUM, THE CLICK DISTANCE WILL BE EQUAL TO THE PLUNGER TRAVEL MINUS THE PRETRAVEL MINUS APPROXIMATELY .010 INCHES

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