ICRO SWITCH

DIVISION OF HONEYWELL

ED. MFG. CODE 91929

SWITCH - TOGGLE (MAGNETIC HOLD-IN) CATALOG LISTING 27ET61-T

MILITARY STANDARDS PART NO. M5594/3-I

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VDC

CIRCUIT DIAGRAM

POSITION B)

I.O DIA POSITION A COIL CIRCUITS 1-3 AND 4-5 MADE (ELECTRICALLY MAINTAINED LEVER (MATTE FINISH) POSITION) .388 (MECHANICALLY MAINTAINED POSITION C .072 ±.004 WIDE X .031 DEEP KEYWAY CIRCUITS 1-2 AND 4-6 MADE TO WITHIN.250 OF SHOULDER (ELECTRICALLY MAINTAINED POSITION)-.240 DIA -15/32 -32 NS THREAD TO WITHIN .090 OF SHOULDER 30°±4° TOTAL TRAVEL HEX NUT .62 ACROSS FLATS X .125 THICK (2) CORROSION RESISTANT STEEL INTERNAL TOOTH 3° REF-LOCKWASHER .60 DIA X .018 REF THICK (MS 35333-136)/6 1.160±.030 POSITION B KEYING WASHER,.72 DIA X.031 THICK CIRCUITS I-2 AND 4-5 MADE TAB .I IO WIDE (MECHANICALLY MAINTAINED POSITION) .047 DIA HOLE FOR WIRE LOCKING-2.280 MAX.

NOTES

- 1 EXPOSED PARTS ARE OF CORROSION RESISTANT MATERIAL OR ARE SUITABLY PROTECTED TO PREVENT CORROSION. ENCLOSURE FIN-ISHED WITH BLUE EPOXY ENAMEL COLOR NO. 25184 PER FEDERAL STANDARD 595.
- 2 SWITCH SEALED PER MIL-S-5594

HOLD IN VOLTAGE: THE MINIMUM SPECIFIED VOLTAGE AT WHICH THE LEVER REMAINS ACTUATED HOLD IN MAY OCCUR AT A LOWER VALUE. DROP OUT VOLTAGE: THE VOLTAGE RANGE IN WHICH THE LEVER WILL BE RELEASED.

4 - CIRCUITS CAN BE TRANSFERRED MANUALLY. ENERGIZING THE COIL WILL NOT CAUSE TRANSFER OF CIRCUITS.

CIRCUIT IDENTIFICATION IS SHOWN ON SWITCH.

HARDWARE MAY BE FURNISHED UNASSEMBLED PER MIL-S-5594

RACTERISTICS 3	ELECTRICAL DATA			SCALE FULL	
DLENOID RATING AT 20°C	CONTACT ARRANGEMENT		DIELECTRIC TEST	DO NOT SCALE PRINT	
STATE LIMITS20-29 VDC	SPDT	(2)		UNLESS OTHERWISE	
IN	LOAD 28		28 VDC	NOTED	
OUTO-15 VDC	LOAD	Sea Leve	1 65,000 feet	TOLERANCES ARE: ONE PLACE 1.01 1.030 TWO PLACE 1.001 2.010 TWO PLACE 1.0001 2.010 TWO PLACE 1.0001 2.010	
ESISTANCE 220 OHM MIN	Resistive	7	5		
ring force 7 LBS MAX	Inductive	2	1.5		
IDE FORCE AT 29 VDC IO LBS MAX		L	<u> </u>	ANGLES ±	
				WEIGHT 4.0 OZ MAX	