CATALOG LISTING THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH. A DIVISION OF MICRO SWITCH HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH SWITCH - BASIC 23AT1-H58 a Honeywell Division SPECIFICATION DETAILS FED. MFG. CODE 91929 STANDARD: CONSTRUCTION. ENCLOSURE DESIGN UNSEALED THE TO C CIRCUITS MADE (BOTH SWITCHES) (MAINTAINED POSITION) CONTACT MATERIAL & CONFIGURATION SMOOTH SILVER CONTACTS NO TO C CIRCUITS MADE (BOTH SWITCHES) (MAINTAINED POSITION) CIRCUIT CONFIGURATION 2 SPOT TERMINATION -H58 $34^{\circ} \pm 8^{\circ}$ TOTAL TRAVEL WEIGHT 23AT1-H58 EXPOSED METALS CRES STAINLESS STEEL EXCEPT AS NOTED $17^{\circ} \pm 4^{\circ}$ LECTRICAL CHARACTERISTICS .388±.010 CRES TYPE 303 LEVER AND BUSHING LOAD 15/32-32 UNS THREAD TO WITHIN ELECTRICAL RATINGS INDUCTIVE RESISTIVE VOLTAGE MAX INRUSH $.265 \pm .015$.062 OF SHOULDER -SEA LEVEL 30 VDC 3 AMP 5 AMP 24AMP — . 05 2X HEX NUT .56 ACROSS FLATS X -50,000 FEET 30 VDC 2.5 AMP 5 AMP .08 THICK (TL-10087) /5\ $1.160 \pm .030$.072 WIDE X ▼.038 250 VAC 5AMP CRES INTERNAL TOOTH LOCKWASHER KEYWAY DIELECTRIC STRENGTH & INSULATION RES DIELECTRIC STRENGTH INSULATION RESISTANCE . 47 Ø.60 X (.018) THICK (TS-10013) ≈ 60 Hz FOR 5 SEC) $(500 \text{ VDC } \pm 10\%)$ Ø.56 SHOULDER -BETWEEN TERMINALS AND EXPOSED 1000V RMS, 500μA (MAX LKG) 1000 MEGOHM MIN CRES KEYING WASHER, \emptyset .72 X .031 THICK, TAB .110 WIDE (1.074)NON-CURRENT CARRYING METAL (TS-10020) $\sqrt{5}$ -BETWEEN TERMINALS OF MUTUALLY 1.016±.030 1000V RMS, 500μA (MAX LKG) 1000 MEGOHM MIN CRES TYPE 302 BRACKET & PIN INSULATED CIRCUITS **Q** CRES 17-7, SPRINGS .249±.020 -BETWEEN ALL UNCONNECTED TERMINALS 1000V RMS, 500ДА (MAX LKG) 1000 MEGOHM MIN FLEXIBLE INSULATORS OF THE SAME POLE SWITCH RESISTANCE - $(\emptyset .058)$ /2RECOMMENDATION OR USE IN APPL LESS NO /4\ A 200077 THAN .5 amps AND/OR 12 volts WJC 28 FEB 00 MECHANICAL CHARACTERISTICS 203820 OPERATING FORCE LJK I AUG 0 RELEASE FORCE 204179 PRETRAVEL FREE POSITION 204763 **⊕**⋛⊕**⊕** OVERTRAVEL . 32 .719 MAX 25 IN-LBS MOUNTING STRENGTH 25 LBS ACTUATOR STRENGTH MECHANICAL 50,000 MIN ELECTRICAL LIFE AT FULL RATED LOAD 25,000 MIN ENVIRONMENTAL TEMPERATURE RANGE -55°C TO +85°C ALTITUDE RANGE TO 50,000 FT SEA LEVEL **—** NOTES SHOCK PER MIL-PRF-8805 50g I - UNIT INCLUDES 2X CATALOG LISTING ISMI - TYPE BASIC SWITCH SCALE FULI VIBRATION PER MIL-PRF-8805 PLATED TERMINALS WILL ACCEPT "AMP INC" Ø.058 PIN RECEPTACLES DO NOT SCALE PRINT MOISTURE RESISTANCE N/A 3 - SWITCHES DO NOT NECESSARILY OPERATE SIMULTANEOUSLY UNLESS OTHERWISE SPECIFIED 20 CONTACT HONEYWELL-MICRO SWITCH IF ADDITIONAL INFORMATION ON LOW THERMAL SHOCK N/ATOLERANCES ARE ENERGY LOADS IS REQUIRED OR FOR HELP WITH SPECIFIC APPLICATIONS (.0) ±.030 SALT SPRAY N/APTC/CAD HARDWARE FURNISHED ASSEMBLED WITH SWITCH OR IN PACKET 15PA312-AT TWO PLACE (.00) $\pm .015$ PER MIL-PRF-8805 THREE PLACE (.000) ±.005 REPLACEMENT MOUNTING HARDWARE PACKET 15PA312-AT ANGLES WEIGHT .06 LB ANSI YI4.5M-1982 APPLIES

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