

DCC DOCUMENT ISSUE DATE:2021/10/26												7	6	5	4	3	2	1																																																																																							
WH58M- X X X X XX / XXXXXX 2																																																																																																									
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MECHANICAL CHARACTERISTICS: SWITCH CIRCUITRY: SPDT-DB SWITCH ACTION: MOMENTARY AND MAINTAINED (PER CHART) OPERATING FORCE: 18.5 oz NOMINAL (WITH T16 SWITCH) PANEL THICKNESS: .050 - .197 [1.3 - 5.0mm] OTHERS: REFER TO ITW SWITCHES 16 SERIES NUT TORQUE FORCE: MAX 10 LB/in [11.5 kgf/cm] ² ENVIROMENTAL SPECIFICATIONS: ACTUATOR INGRESS PROTECTION: IP67 MECHANICAL OPERATING TEMPERATURE: MOMENTARY: -40°F to +185°F [-40°C to +85°C] ² MAINTAINED: -40°F to +149°F [-40°C to +65°C] ² OPERATING TEMPERATURE: -13°F to +185°F [-25°C to +85°C] ELECTRICAL SPECIFICATIONS: (REFER TO ITW SWITCHES 16 SERIES) LED SPECIFICATIONS: CONTINUOUS FORWARD CURRENT, TYP: 20 mA CONTINUOUS FORWARD CURRENT, MAX: 30 mA ACTUATOR LIFE: MOMENTARY: 500,000 CYCLES NOMINAL ² MAINTAINED : 50,000 CYCLES NOMINAL ² NOTE: 1. CURRENT LIMITING RESISTOR IS REQUIRED TO LIMIT LED FORWARD CURRENT TO 20mA. 2. LED FORWARD VOLTAGE: RED, AMBER, YELLOW : 1.6~2.0 VDC GREEN, BLUE, WHITE : 2.8~3.4 VDC 3. SUPPLY HEX NUT AND SEALING WASHER BULK PACKED.																																																																																																									
Ø19.2 METAL BUTTON NON-ILLUMINATION Ø19.2 METAL BUTTON NON-ILLUMINATION (RED BUTTON) Ø15.7 METAL PAD RING ILLUMINATION ² Ø15.7 METAL PAD POWER ILLUMINATION 25.00 HEX NUT 28.87																																																																																																									
Ø25.0 39.7 ITW SWITCHES 16 SERIES THE LENGTH OF TERMINALS: PLEASE REFER ITW 16 SERIES SWITCH 2.14(2) 2.80X0.51 (2) 1.04(2) 31.3 3.00 6.32 TYP M22X1.0 THREAD SEALING WASHER (SUPPLIED IN BULK) SPECIAL HEX NUT (SUPPLIED IN BULK) 5.94 REF. LED TERMINAL WHEN ILLUMINATION 21.05±0.10 Ø22.15±0.10 ⁴ RECOMMENDED PANEL CUT-OUT NONE ILLUMINATION SCALE 2:3 RING ILLUMINATION SCALE 2:3 NONE ILLUMINATION-RED BUTTON SCALE 2:3 ³ POWER/STANDBY ILLUMINATION SCALE 2:3																																																																																																									
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