



REVISIONS				
ZONE	SYM	DESCRIPTION	DATE	APPROVED
	-	INITIAL RELEASE	7-18-17	MRG

- NOTES:
1. FINISH: WASH PRIMER PER DDD-P-15328D
PRIMER PER MIL-P-23377D
PAINT PER MIL-C-22750
COLOR: BLUE
 2. MARKING: BLACK EPOXY INK .12 HIGH CHARACTERS
PER MIL-STD-130
 3. MOUNTING SURFACE TO BE GOLD PLATE PER
MIL-G-45204, TYPE III, GRADE A
50 MICRONS THICK OVER ELECTROLESS NICKEL
PER MIL-C-26074, GRADE B, 200-300 MICRONS THICK

SPECIFICATIONS

FREQUENCY: 6-18 GHz
 ISOLATION: 25-30dB MIN.
 INSERTION LOSS: 2.0dB MAX (1.5 dB MAX. GOAL)
 VSWR: 2.0:1
 PHASE TRACKING: ±5°
 SWITCHING SPEED: 1 MICRO SEC
 POWER: 100 WCW (ABSORPTIVE SECTION WILL HANDLE
 10 WCW MAX.)
 MOUNTING TEMP: 50°C
 LOAD VSWR: 1.5:1 MAX.
 BIAS: +28V, -5V, +5V
 LOGIC "1" = INSERTION LOSS

CAUTION
 STATIC SENSITIVE MATERIAL
 ALL HANDLING OPERATIONS TO BE PERFORMED
 ONLY AS APPROVED WORK SYSTEMS

J4	
SOCKET NUMBER	FUNCTION
1	+28V
2	-5V
3	CONTROL J3
4	+5V
5	CONTROL J2
6	GND
7	GND
8	GND
9	GND

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UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ON FINISHES: M63
 ANGLES: ±1/2° FRACTIONS: ±1/64
 3 PLACE DECIMALS: ±.010
 2 PLACE DECIMALS: ±.02
 1 PLACE DECIMALS: ±.1
 FILLETS: .005R MAX
 REMOVE BURRS AND SHARP EDGES TO .005 MAX. R OR CHAMFER

DRAFT MRG DATE 7-18-17
 CHKD MRG DATE 7-18-17
 PRDD
 ENGR
 QA

TITLE OUTLINE SPDT SWITCH		
SIZE B	CAGE CODE 1UJ73	DWG NO 120-F208
SCALE 1/1	SHEET 1 OF 1	