



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

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

SPECIFICATIONS

FREQUENCY: 6-18 GHz
ISOLATION: 25 dB MIN.
INSERTION LOSS: 2.0 dB MAX (1.5 dB MAX GOAL)
VSWR: 2.0:1
PHASE TRACKING: ±5°
SWITCHING SPEED: 1 MICRO SEC
POWER: 200 WCW 6-16 GHz
180 WCW 16-18 GHz

MOUNTING TEMP: 50°C
LOAD VSWR: 1.4:1 MAX.
BIAS: +28V, -5V, +5V
LOGIC "1" = INSERTION LOSS

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 IN FINISHES: M33
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	<p>TITLE ABSORPTIVE SPDT SWITCH</p>
CHKD		MRG	DATE	7-18-17	
PROD					
ENGR					
SIZE	CAGE CODE	DWG NO			
B	1UJ73	120-F224			
SCALE	1/1	SHEET 1 OF 1			