



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

- NOTES:
1. FINISH: WASH PRIMER PER DOD-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 MICROINCHES THICK OVER ELECTROLESS NICKEL  
PER MIL-C-26074, GRADE B, 200-300 MICROINCHES THICK
  4. LOGIC 0 = INSERTION LOSS

SPECIFICATIONS

FREQUENCY: 6-18 GHz  
 ISOLATION: 30dB MIN.  
 INSERTION LOSS: 1.6dB MAX  
 VSWR: 2.0:1  
 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

CAUTION  
 CHECK SHIPPING MATERIAL  
 ALL HANDLING/INSPECTION TO BE PERFORMED  
 ONLY AT APPROVED WORK STATIONS

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		DRAFT	MRG	DATE	7-18-17
TOLERANCES ON FINISH: RMS ±3		CHKD	MRG	DATE	7-18-17
ANGLES: 1/2° FRACTIONS: ±1/64		PRDD			
3 PLACE DECIMALS: ±.010		ENGR			
2 PLACE DECIMALS: ±.02		QA			
1 PLACE DECIMALS: ±.1					
FILLET: .005R MAX					
REMOVE BURRS AND SHARP EDGES TO .005 MAX. R OR CHAMFER					
TITLE			OUTLINE ABSORPTIVE SPDT SWITCH		
SIZE	B	CAGE CODE	1UJ73	DWG NO	120-F216
SCALE	1/1			SHEET	1 OF 1