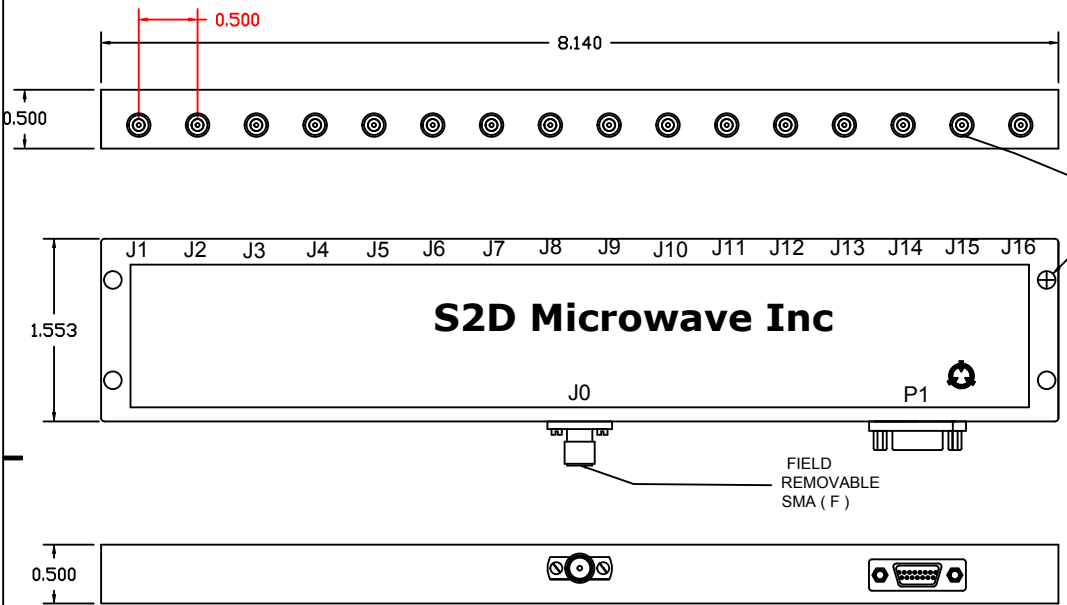


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE	09/19/2022	D.B



SPECIFICATIONS

Type :.....SP16T Absorptive
 Frequency :.....8 - 12 GHz
 Operating Input Power :.....+23 dBm max
 Phase and Amplitude match.....+/-10deg, +/-0.5dB
 Insertion Loss :.....-8dB max
 Isolation :.....65dB min
 VSWR ON OFF :.....2: 1
 Switching Speed :.....150ns
 Control (TTL) :.....9 PIN MMD9P MICRO-D
 4BIT BINARY CODED
 DC Power supply :.....+5V @ 300mA
 - 12V @ 50mA
 RF Connector :.....SMP - Female
ENVIRONMENTAL RATINGS
 Temperature :- 40°C to + 80°C (Operating)
 - 65°C to +125°C (Storage)
 Moisture & Resistance :.. Mil STD-202 Method 106
 Shock :.....Mil STD-202 Method 213,Con C
 Vibration :.....Mil STD-202 Method201
 Humidity.....Mil STD-202F,Method103B Con.B

OUTLINE DRAWING
 S95_SMP_LD_SP16T
 HOUSING # S95-0123-01
 METERIAL AL 6061
 PLATING ELECTROLESS NICKEL

NOTE: Specifications are subject to revision or change
 Units are designed to meet the environmental rating.
 For environmental testing please contact sales@s2dmicrowave.com.

P1 PIN CONFII..	
PIN #	FUNCTION
1	-12
2	GND
3	+5
4	GND
5	L1
6	L2
7	L3
8	L4
9	GND

All Dimensions in Inches Tolerances: Fractions Decimals Angles - ±0.01 ±3° ±0.005	
Model# S95-16A5120812-SMP-LD	
Material: AL Alloy 6061-T6 per QQ-A-250/11	Plating:Nickel

 www.s2dmicrowave.com			
OUTLINE DRAWING SP16T Absorptive PIN Diode Switch			
SIZE	FSCM NO. 65BW0	DWG NO. 100-0124-S95-02	REV
SCALE: None		SHEET 1 of 1	