

Description:

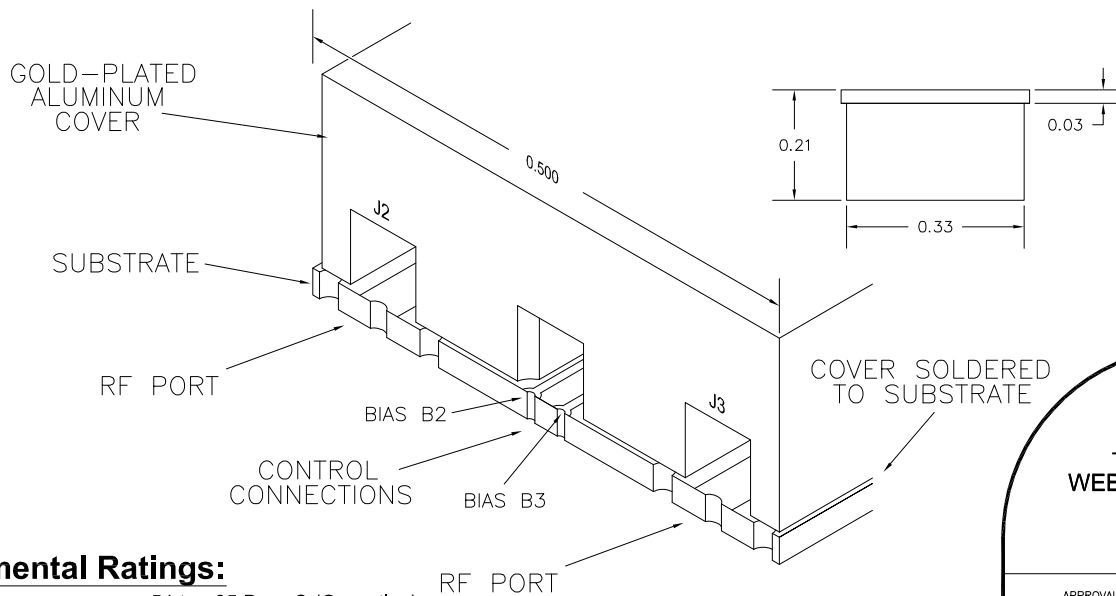
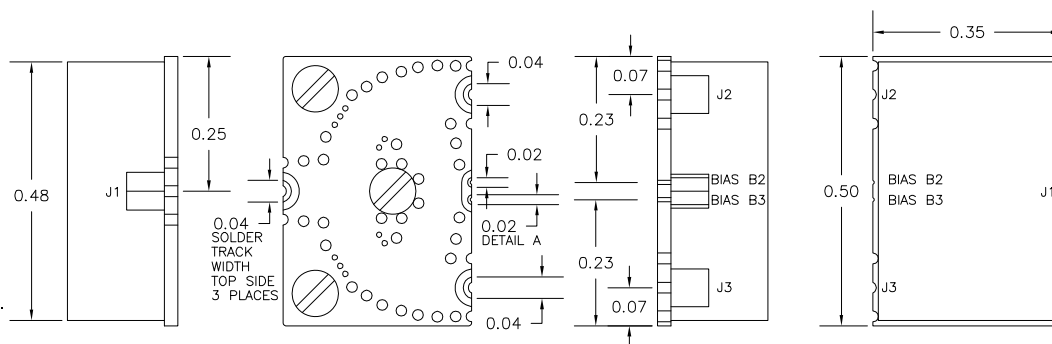
The P2T-14D415D4-15-SMT-20W is a driverless high-power SP2T switch in a compact package designed for surface-mounting.

Specifications:

Frequency Range:	14.4 to 15.4 GHz
Power Handling:	20W Max.
Insertion Loss:	1.2 dB Max @ 25 °C
Insertion Loss:	1.5 dB Max Over Temperature (-54 to 85 °C)
Compression:	0.5 dB Typ @ 20W
Tx/Rx Isolation:	10dB Min.
Control Voltage:	Fwd Bias 50 mA Rev Bias -15V
Connectors In/Out:	None (surface mount)
Dimensions:	0.35" X 0.5" X 0.21"
Finish:	Gold Plating

Switch State	Bias B2	Bias B3
J2-J1 Low I.L.	-15V	+50mA
J3-J1 Low I.L.	+50mA	-15V

NOTE: J2 and J3 are not internally DC blocked, so bias voltage will be present.
J1 is internally DC blocked, so no bias voltage will be present.



ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005

Environmental Ratings:

Temperature: -54 to +85 Deg. C (Operating)
-65 to +125 Deg. C (Storage)
Temperature Cycle: MIL-STD-202F, METHOD 107D COND A

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	5/8/12	PK

CONFIDENTIAL & PROPRIETARY

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APPROVALS		DATE		TITLE	
DRAWN NJA		5/8/12		PRODUCT FEATURE P2T-14D415D4-15-SMT-20W	
CHECKED				SIZE A	FSCM NO. 05XQ0
ISSUED				DWG NO. 27016741	REV. A
SCALE N:S				SHEET 1 OF 1	