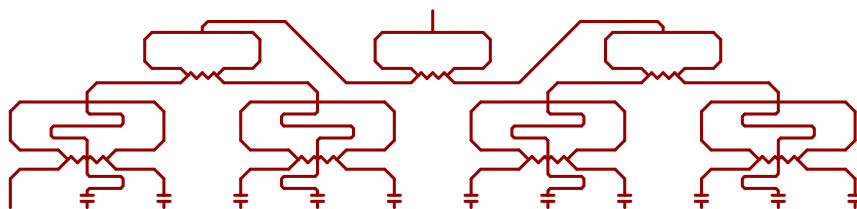
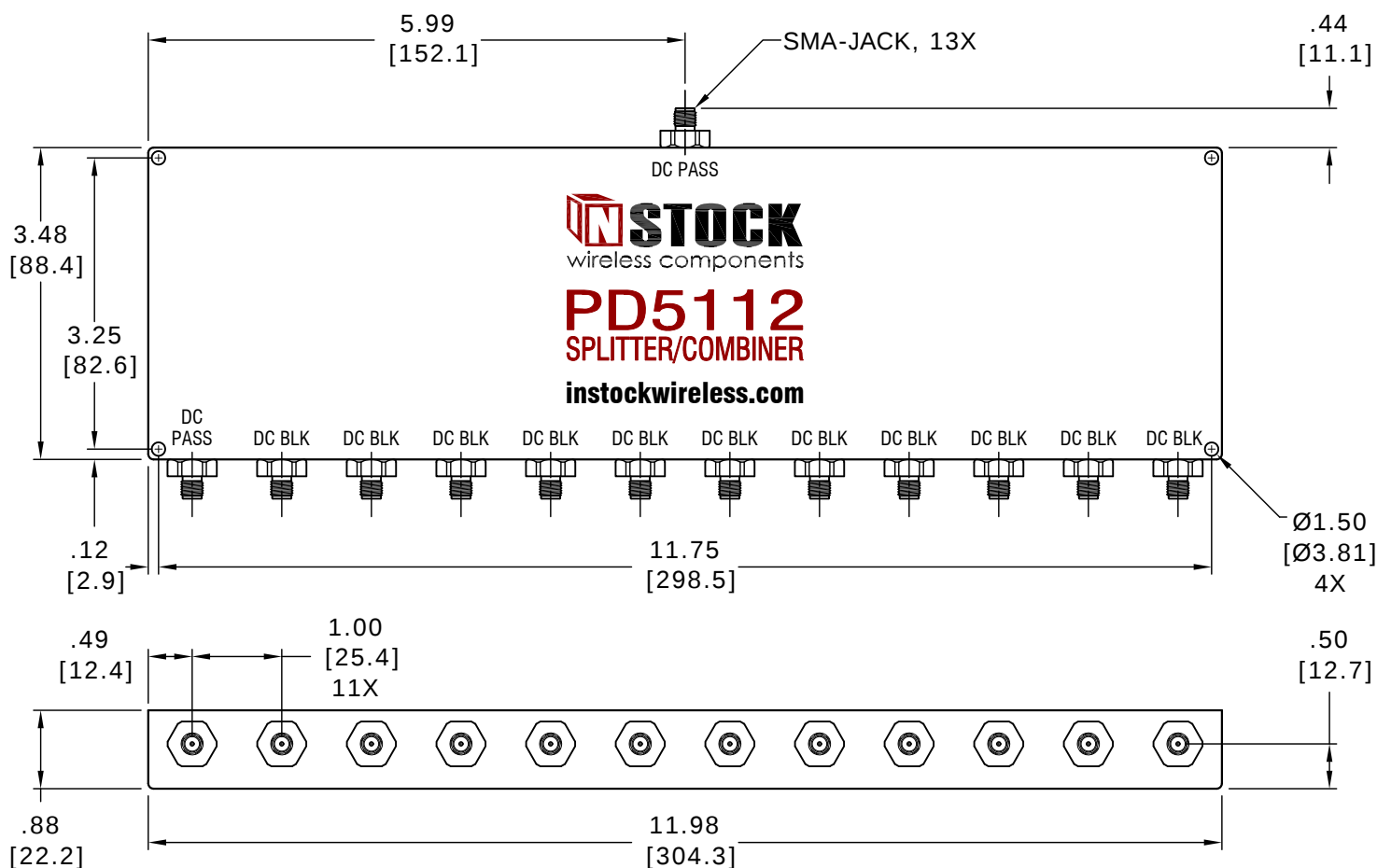


1.) FREQUENCY RANGE:	698 - 2700 MHz
2.) IMPEDANCE:	50 OHMS
3.) INSERTION LOSS (MAX):	1.5 dB (ABOVE 10.79 dB SPLIT)
4.) AMPLITUDE BALANCE (MAX):	0.5 dB
5.) PHASE BALANCE (MAX):	8 DEGREES
6.) ISOLATION (MIN):	18 dB
7.) INPUT VSWR (MAX):	1.45 : 1
8.) OUTPUT VSWR (MAX):	1.25 : 1
9.) DC VOLTAGE (MAX):	50 VOLTS

1.) CONNECTORS:	SMA FEMALE (JACK), 50 OHM
2.) CONNECTOR BODY:	BRASS, TRI-ALLOY PLATE
3.) CONNECTOR PIN:	BERYLLIUM COPPER, GOLD PLATE
4.) INSULATOR:	PTFE, VIRGIN ELECTRICAL GRADE
5.) HOUSING:	ALUMINUM, CLEAR CHEM CONVERSION FILM, RoHS COMPLIANT (NO HEX CHROM)
6.) SOLDER:	LEAD FREE, RoHS COMPLIANT
7.) OPERATING TEMP:	-65°C TO +85°C
8.) WEIGHT:	1283 GRAMS

<u>INTO MATCHED LOAD VSWR's</u>	<u>IN-PHASE</u>	<u>180° OUT-OF-PHASE</u>
1.2 : 1	40 WATTS	40 WATTS
2.0 : 1	40 WATTS	40 WATTS
∞	20 WATTS	4 WATTS

COHERENT SIGNALS (IN-PHASE)	12 X 3.33 WATTS
COHERENT SIGNALS (180° OUT-OF-PHASE)	12 X 0.33 WATTS
NON-COHERENT SIGNALS	12 X 0.66 WATTS
OTHER CONDITIONS - CONSULT FACTORY	



12-way, DC blocking power splitter; DC pass one (1) port, DC block eleven (11) ports. Typically used for powering an active antenna through the power divider-splitter.

TOLERANCES	
INCHES	MILLIMETERS
.00 = $\pm$.01	.0 = $\pm$.25
.000 = $\pm$.004	.00 = $\pm$.10
DRAWN: MJD	APPROVED: EMM
DATE: 12/08/08	DATE: 12/08/08



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MODEL NO.	PD5112
TITLE	DC BLOCKING POWER SPLITTER, 12 WAY, SMA JACK, 0.698 - 2.700 GHz, 40W, RoHS, DC PASS 1 PORT: BLOCK 11 PORTS

REV	DESCRIPTION	BY	DATE
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