

0.5-8 GHz

Commercial Broadband Power Dividers

- 0°C to +70°C Operation
- Microstrip Construction
- Humidity 95% Non-Condensing
- Suitable for Commercial Applications

Specifications

SMA (F), 2-Way / 3-Way / 4-Way / 8-Way, 0.5 to 8 GHz, 0.5 W

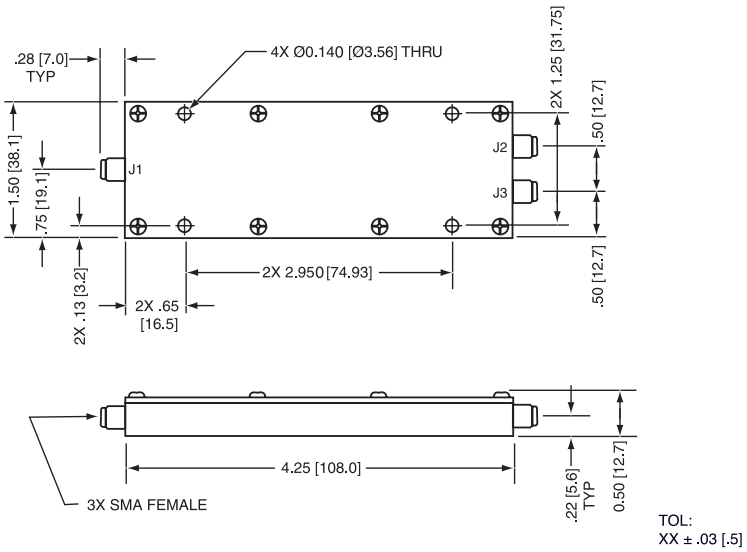
FREQUENCY RANGE (GHz)	MODEL	BAND SEGMENTS (GHz)	VSWR (max.)		INSERTION LOSS* (dB max.)	ISOLATION (dB min.)	PHASE BALANCE (max.)	POWER (max.)		WEIGHT	
			INPUT	OUTPUT				INPUT (W)	PEAK (kW)	oz.	gr.
		0.5-0.7	1.80	1.50	1.30	12	10°	0.5	1.5		
0.5-8**	**4436-2**	0.7-6	1.35	1.25	1.00	20	6°	0.5	1.5	3.9	110
		6-8	1.50	1.35	1.50	18	10°	0.5	1.5		
		0.5-0.7	2.00	1.60	0.75‡	12	12°	0.5	1.5		
0.5-8**	**4436-3**	0.7-6	1.85	1.50	1.70‡	15	10°	0.5	1.5	4.8	135
		6-8	2.00	1.50	2.20‡	15	12°	0.5	1.5		
		0.5-0.7	2.50	1.50	1.50	12	10°	0.5	1.5		
0.5-8**	**4436-4**	0.7-6	1.60	1.40	3.00	17	8°	0.5	1.5	10.2	290
		6-8	1.80	1.50	4.50	15	10°	0.5	1.5		
		0.5-0.7	2.60	1.75	2.00	12	15°	0.5	1.5		
0.5-8**	4436-8	0.7-6	1.75	1.50	5.00	17	13°	0.5	1.5	22.9	650
		6-8	2.25	1.85	8.00	15	16°	0.5	1.5		

* Insertion loss is in addition to the theoretical (ideal) split loss
** Model 4436 Series is designed to operate in 0.7-8 GHz frequency ranges
Specifications from 0.5-0.7 GHz are provided for reference only
‡ Model 4436-3 insertion loss is specified as the average of all three outputs

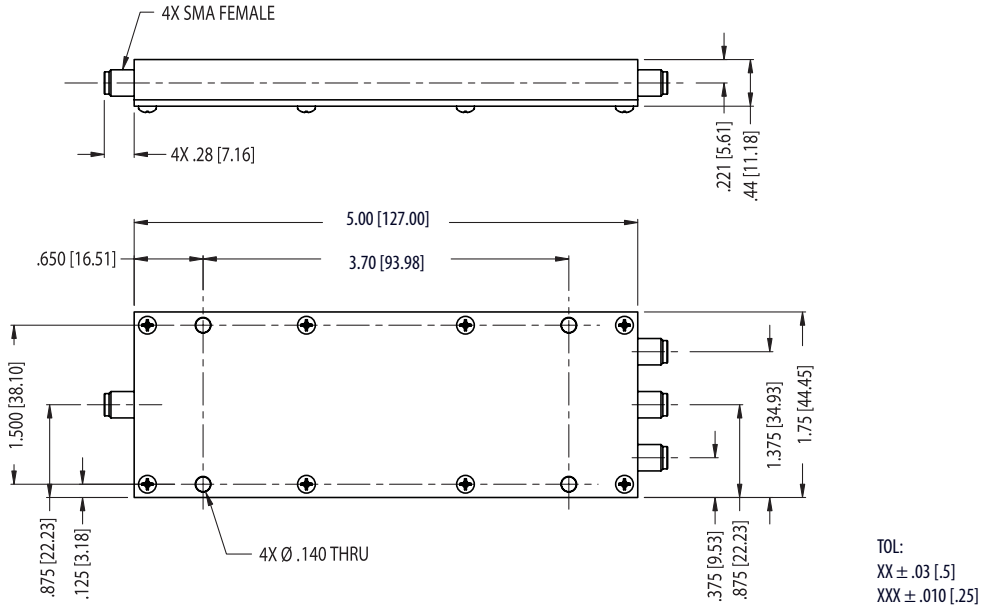
Note:
All ports are terminated in 50 ohms when not in use.

Power Dividers

Outline Drawings



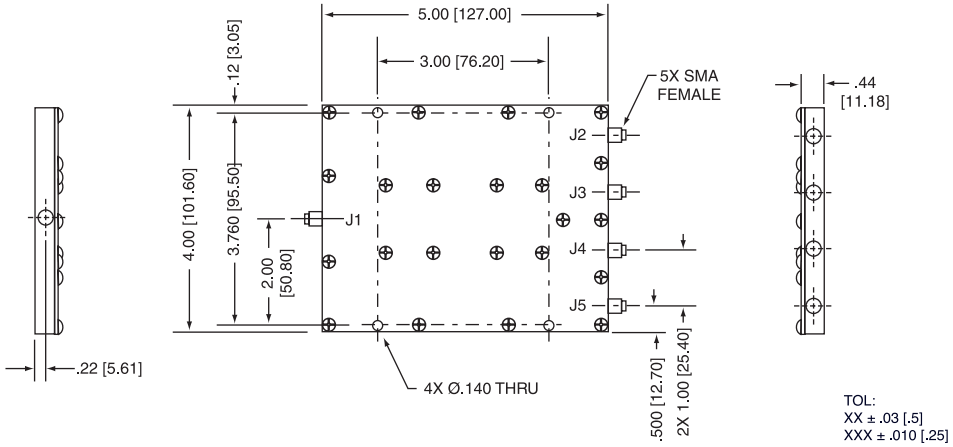
MODEL 4436-2



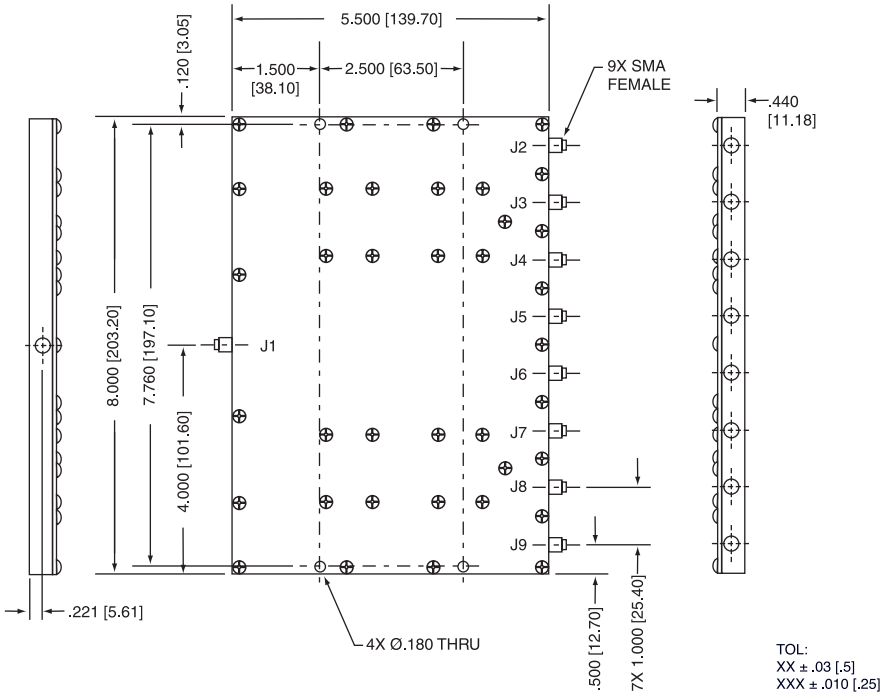
MODEL 4436-3

Dimensions in inches (mm in parentheses), unless otherwise specified.
Connectors mate without interference per MIL-STD-348.
FINISH: Chemical film per MIL-C-5541, CL 3, CLR

Outline Drawings



MODEL 4436-4



MODEL 4436-8

Dimensions in inches (mm in parentheses), unless otherwise specified.
Connectors mate without interference per MIL-STD-348.
FINISH: Chemical film per MIL-C-5541, CL 3, CLR