

Power Dividers, 2, 3, 4, 6 and 8-Way

800-900, 890-960, or 1700-1900 MHz

2089 Series

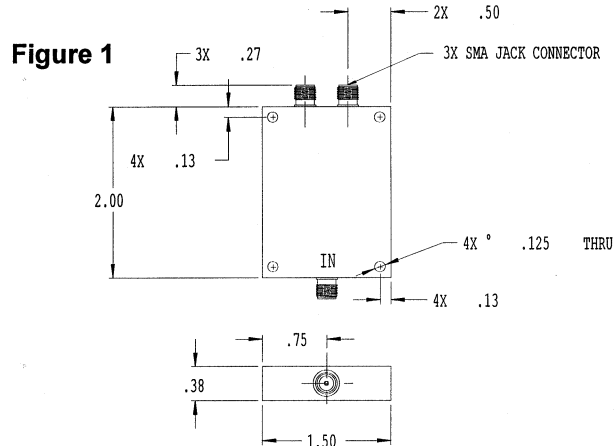
V2.00

Features

- Type SMA jack
- Low Loss
- High Isolation
- May be used as High Power Combiner (Consult Factory).

Description

M/A-COM's 2089 Series of 2, 3, 4, 6 and 8-Way Power Dividers provide several output choices over 3 frequency ranges. These dividers are provided with standard Type SMA jacks.



Ordering Information and Typical Performance Specifications

Part Number	Frequency (MHz)	Figure	VSWR (Max)	Insertion Loss (dB) Max	Isolation (dB) min	Amplitude Balance
2089-6217-00	800-900	1	1.2:1	.2	20	.2
2089-6218-00	890-960	1	1.2:1	.2	20	.2
2089-6219-00	1700-1900	1	1.2:1	.25	20	.2
2089-6317-00	800-900	2	1.25:1	.3	20	.3
2089-6318-00	890-960	2	1.25:1	.3	20	.3
2089-6319-00	1700-1900	2	1.3:1	.4	20	.4
2089-6417-00	800-900	3	1.2:1	.3	20	.25
2089-6418-00	890-960	3	1.2:1	.3	20	.25
2089-6419-00	1700-1900	3	1.2:1	.4	20	.3
2089-6617-00	800-900	4	1.2:1	.35	20	.4
2089-6618-00	890-960	4	1.2:1	.35	20	.4
2089-6619-00	1700-1900	4	1.3:1	.5	20	.5
2089-6817-00	800-900	5	1.2:1	.4	20	.4
2089-6818-00	890-960	5	1.2:1	.4	20	.4
2089-6819-00	1700-1900	5	1.3:1	.5	20	.5

Input Power: 4.0 Watts Maximum.

Impedance: 50 Ohms nominal.

Figure 2

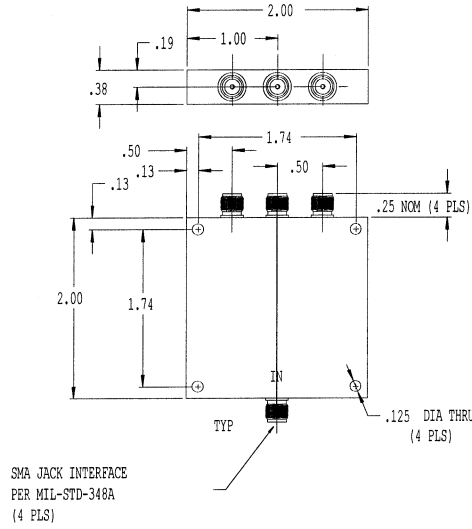


Figure 3

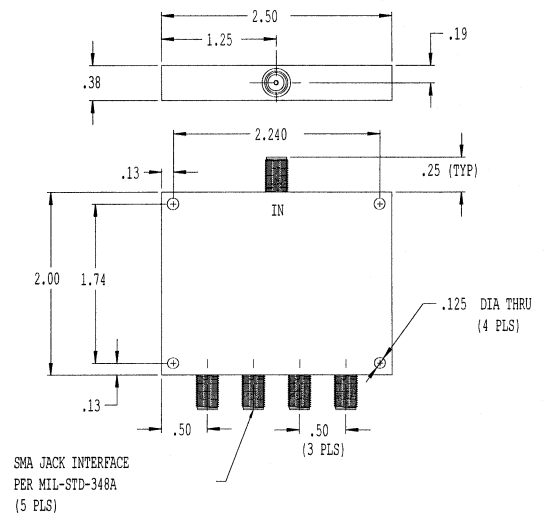


Figure 4

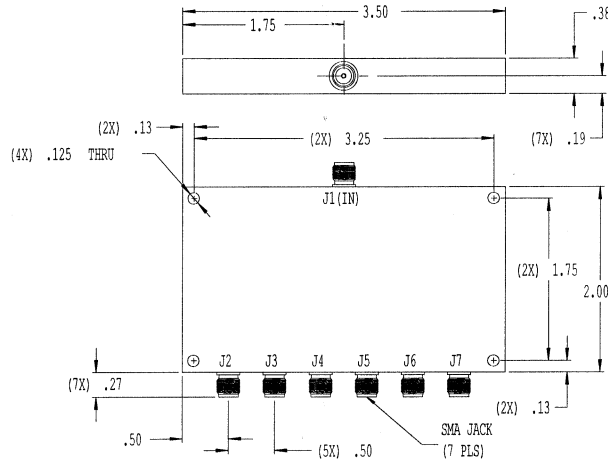
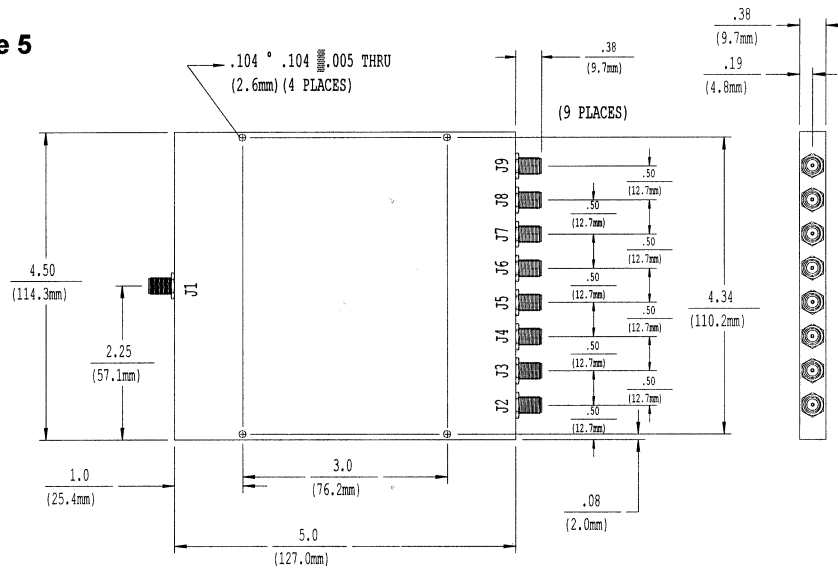


Figure 5





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