



**Port Configuration**

Output-1	Pin-1
Output-2	Pin-5
Input	Pin-8
Ground	2, 3, 4 6, 7, case

**Electrical Specifications:**

Frequency Range:	5 – 1500	Mhz	
Insertion Loss:	1.3	dB	Max
Amplitude Balance:	0.3	dB	Max
Isolation:	20	dB	Max
Phase Balance:	4.0	degree	Max
VSWR Input:	1.50:1		Max
VSWR Output:	1.50:1		Max
Power Input:	1	Watt	Max
Operating Temperature:	-40 °C to +85 °C		
Storage Temperature:	-55 °C to +100 °C		
Theoretical loss for 2-way divider is 3.0 dB			
Input power is specified for load VSWR better than 1.20:1.			

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**SP12F2**

**Power Divider 2-way  
Surface Mount Flatpack**

Dimensions are in inches and (mm)  
Decimal Tolerance:  
2 place +- 0.020  
3 place +- 0.010

**CAGE CODE : 69UC1**

Notes: All dimensions are typical unless they are specified.  
Specifications are subject to change at any time without any notice.  
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