

**RoHS Compliant & Pb Free Product**

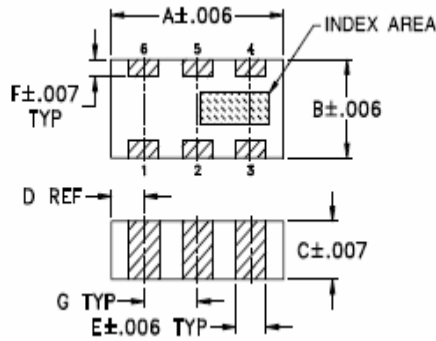
**MC1-SC05A**

- Category: Splits and Couplers
- Device Packages : FV1206 (Mini-Circuits)
- Cell Size: Single (1x1)
- PCB Material/Layer Details: RO4350/2 layer with thickness 0.020"

**Supported Device Package and Its Pin Allocation:**

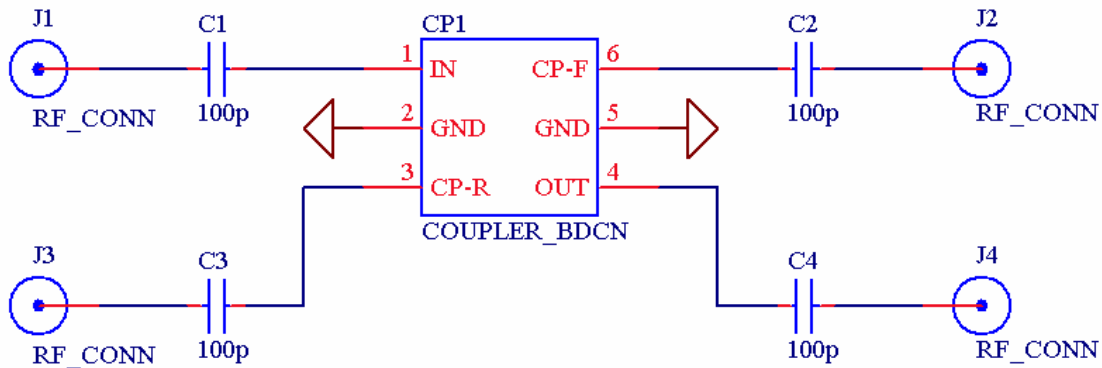


INPUT	1
OUTPUT	4
COUPLED (forward)	6
COUPLED (reverse)	3
GROUND	2,5

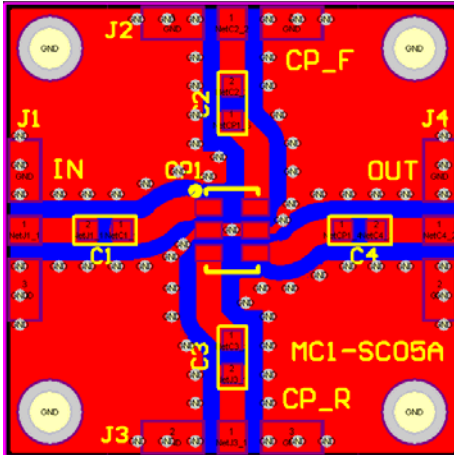


BDCN-7-25  
BDCN-10-25  
BDCN-15-25  
BDCN-17-25

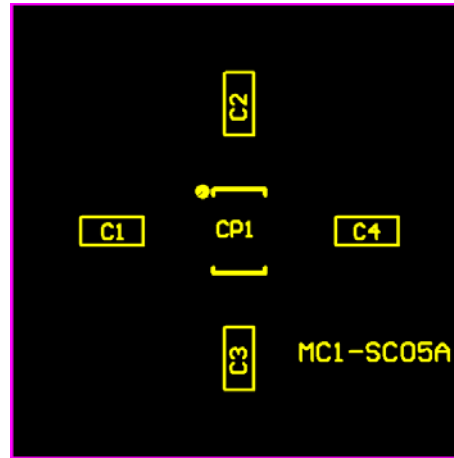
**Schematic:**



**MC1-SC05A PCB Layout:**



**MC1-SC05A Assembly Drawing:**



**Minimum supported devices and its vendors:**

Mini-circuits
BDCN-7-25
BDCN-10-25
BDCN-15-25
BDCN-17-25

**Bill of Material Example:**

Used	Part Type	Designator	Footprint
4	100p	C1 C2 C3 C4	0603
1	COUPLER_BDCN	CP1	FV1206-1