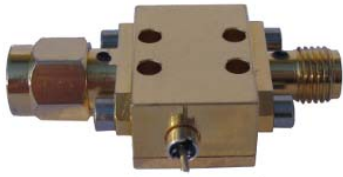


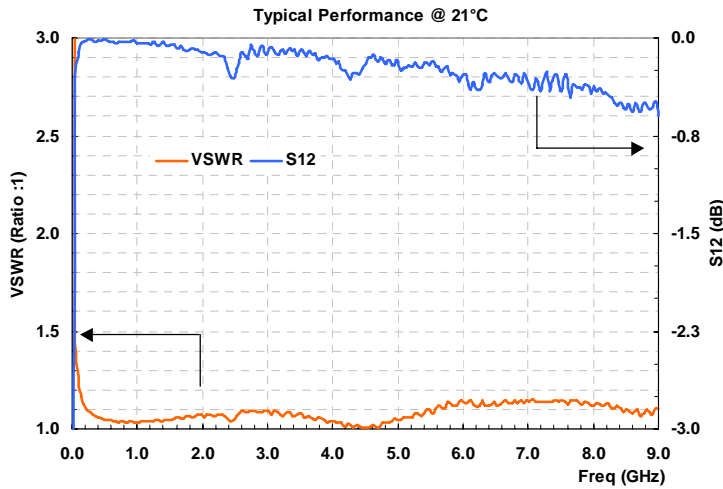
## Product Description: LBST009A (100.0 MHz ~ 9.0 GHz Bias-T)



LiConn has developed super wide band Bias-T with low cost. The bias-T offers maximum 0.6 dB insertion loss and maximum 1.35:1 VSWR throughout 100MHz to 9GHz band.

The Bias-T can be used in varieties of circuitries such as wide band amplifiers, broadcast, and measurement. The bias-T is designed to meet MIL-STD-202g.

### Key Performance



- 100 MHz ~ 9 GHz
- Typical 1.22:1 VSWR
- Max 1.35:1 VSWR
- Max 0.6 dB Insertion Loss
- 50 Volts DC Voltage Rating
- 40 dB RF/DC Isolation
- SMA Connector I/O
- Miniature Size
- RoHS Compliant

### Ordering Information

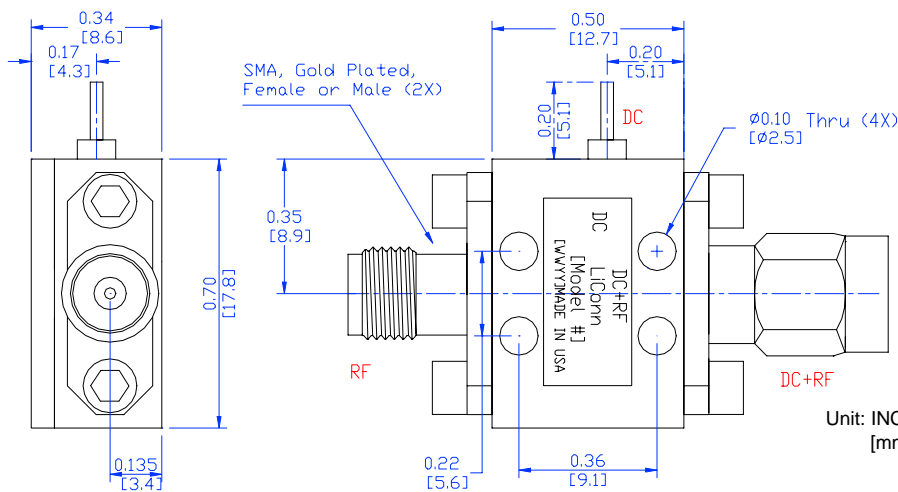
Model Number	RF+DC Port	RF Port
LBST009A-1	SMA Male	SMA Female
LBST009A-2	SMA Female	SMA Male
LBST009A-3	SMA Male	SMA Male
LBST009A-4	SMA Female	SMA Female

### Absolute Maximum Ratings

Parameters	Units	Ratings
RF Average Power	W	50
Maximum DC Voltage Rating	V	50
Maximum DC Current	mA	170
RF/DC Isolation	dB	40
Operating Temperature	°C	-54 ~ +85
Storage Temperature	°C	-65 ~ 150

\*Operation beyond any one of these parameters may cause permanent damage.

### Outline



Unit: INCH Base Material: Brass  
 [mm] Finish: Gold Plating  
 Tolerance: X.XXX ±0.005"  
 X.XX ±0.01"