

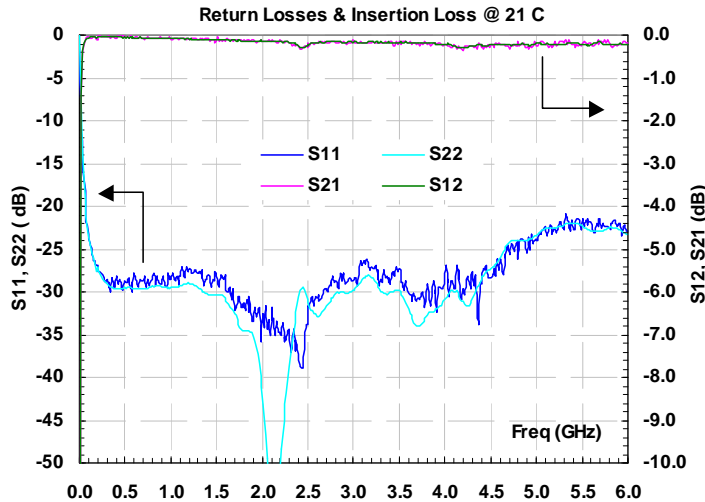
## Product Description: LBST1020A (1.0 GHz ~ 2.0 GHz Bias-T)



LiConn has developed super wide band Bias-T with low cost. The bias-T offers maximum 0.6 dB insertion loss and maximum 1.2:1 VSWR throughout 1.0 GHz to 2.0 GHz 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



- 1.0 GHz ~ 2.0 GHz
- Max 1.2:1 VSWR
- Max 0.6 dB Insertion Loss
- 50 Volts DC Voltage Rating
- 40 dB RF/DC Isolation
- SMA Connector I/O
- Miniature Size
- RoHS/REACH Compliant
- EAR99

### Ordering Information

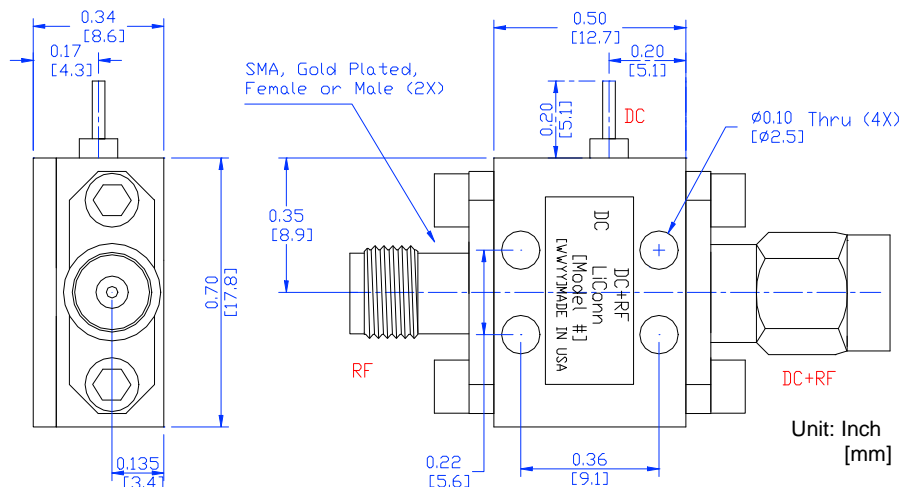
Model Number	RF+DC Port	RF Port
LBST1020A-1	SMA Male	SMA Female
LBST1020A-2	SMA Female	SMA Male
LBST1020A-3	SMA Male	SMA Male
LBST1020A-4	SMA Female	SMA Female

### Absolute Maximum Ratings

Parameters	Units	Ratings
RF Average Power	W	50
Maximum DC Voltage Rating	V	-50 Min +50 Max
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 [mm] Base Material: Brass  
Finish: Gold Plating  
Tolerance: X.XX ±0.01"