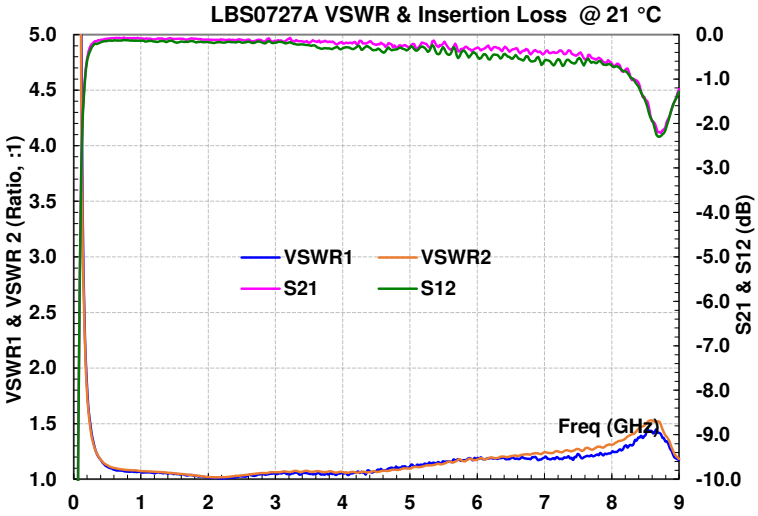
FEATURED PRODUCT — LBST0727A

Product Description: LBST0727A (0.7 GHz ~ 2.7 GHz Bias-T)

LiConn has developed super wide band Bias-T with low cost. The bias-T offers maximum 0.5 dB insertion loss and maximum 1.25:1 VSWR throughout 0.7 GHz to 2.7 GHz frequency 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



- 0.7 GHz ~ 2.7 GHz
- Max 1.25:1 VSWR
- Typical 0.25 dB Insertion Loss
- Max 0.5 dB Insertion Loss
- 100 Volts DC Voltage Rating
- 40 dB RF/DC Isolation
- SMA Connector I/O
- Miniature Size
- RoHS/REACH Compliant
- EAR99

Ordering Information

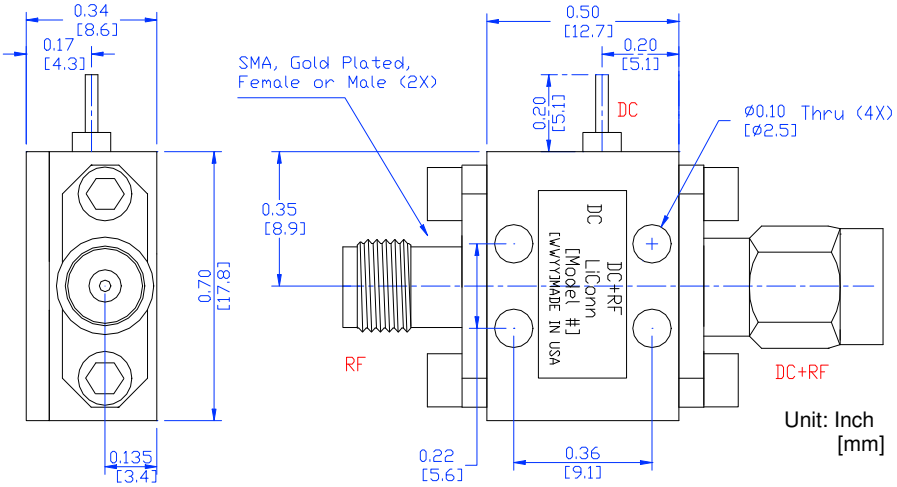
Model Number	RF Port	RF+DC Port
LBST0727A-1	SMA Female	SMA Male
LBST0727A-2	SMA Male	SMA Female
LBST0727A-3	SMA Male	SMA Male
LBST0727A-4	SMA Female	SMA Female

Absolute Maximum Ratings

Parameters	Units	Ratings
RF Average Power	W	50
Maximum DC Voltage Rating	V	-100 Min +100 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"

LiConn, Inc.
Tel: 1-651-482-1848
Fax: 1-651-482-1573
sales@liconn.com

© Copyright 2025 LiConn, Inc.
Specifications and information are subject to change without notice.
For latest product information, please visit www.liconn.com