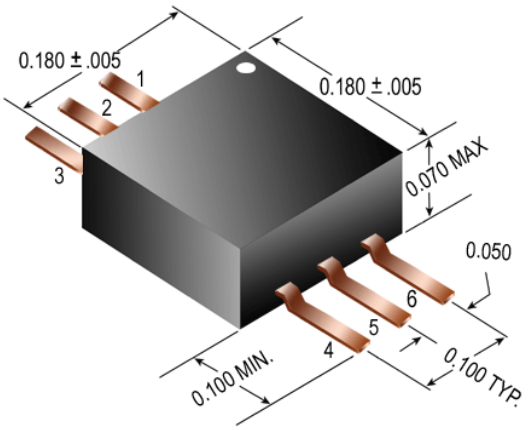
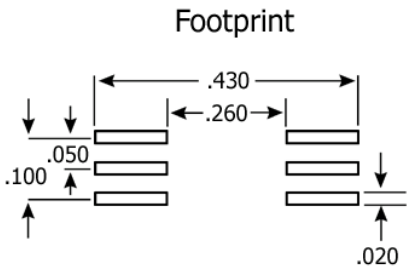
SSWB Series

MIL-STD-981, MIL-T-55631

Wideband RF Transformer

QPL Approved



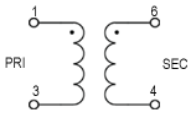
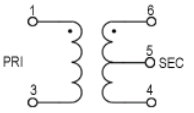
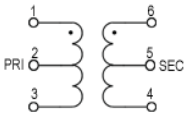


FEATURES

- Low EMI Radiation
- Low Thermal Expansion permits mounting on most substrate materials
- Custom Designs: Other electrical configurations and performance characteristics are available in various sizes and package types

SPECIFICATIONS

- Frequency Response: 2 MHz to 300 MHz
- Power Rating: 100 mW
- Operating Temperature Range: -55°C to 125°C
- Temperature Rise (at 90°C): 35°C
- Dielectric Withstanding Voltage: 300 VAC
- Moisture, Shock, and Immersion Resistant
- Terminals meets solderability per MIL-STD-202, Method 208
- Welded Connections, Transfer Molded Package
- Outgassing meets NASA spec SP-R-0022A: TML < 1%
- Meets the requirements of MIL-T-55631 and MIL-STD-981, class **S** or class **B**
  Class **S** parts are intended for critical flight and mission-essential ground support applications and any application that is critical to safety.
  Class **B** parts are for use in non-flight and non-mission-essential ground support applications.

Configuration	Part Number	Impedance Ratio Pri : Sec	Max Insertion Loss @50 MHz (dB)	Max VSWR @50 MHz	Min Bandwidth (MHz)	
					0.5 db (Ripple)	3 dB Points
SSWB1000 Series						
	SSWB1010	1 : 1	1.0	1.40	8.0 - 90	1.5 - 300
	SSWB1015	1 : 1.5	1.8	1.80	9.0 - 60	6.0 - 130
	SSWB1020	1: 2	1.4	1.50	15 - 80	1.5 - 250
	SSWB1040	1: 4	1.2	1.35	8.0 - 125	1.3 - 210
	SSWB1016	1 : 16	1.6*	2.10*	16 - 25	3.0 - 100
SSWB2000 Series						
	SSWB2010	1 : 1	0.8	1.35	6.0 - 120	1.5 - 360
	SSWB2015	1 : 1.5	1.6	1.80	7.0 - 80	4.0 - 180
	SSWB2020	1: 2	1.2	1.40	12 - 85	1.2 - 200
	SSWB2040	1: 4	1.0	1.30	7.0 - 130	0.9 - 270
	SSWB2016	1 : 16	1.3*	2.0*	14 - 30	3.0 - 125
SSWB3000 Series						
	SSWB3010	1 : 1	1.0	1.40	8.0 - 90	1.5 - 300
	SSWB3015	1 : 1.5	1.8	1.80	9.0 - 60	6.0 - 130
	SSWB3020	1: 2	1.4	1.50	15 - 80	1.5 - 250
	SSWB3040	1: 4	1.2	1.35	8.0 - 125	1.3 - 210
	SSWB3016	1 : 16	1.6*	2.10*	16 - 25	3.0 - 100
*Measured at 15 MHz						

Part or Identifying Number (PIN):
SSWBxxxxS: MIL-STD-981, Class S
SSWBxxxxB: MIL-STD-981, Class B

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