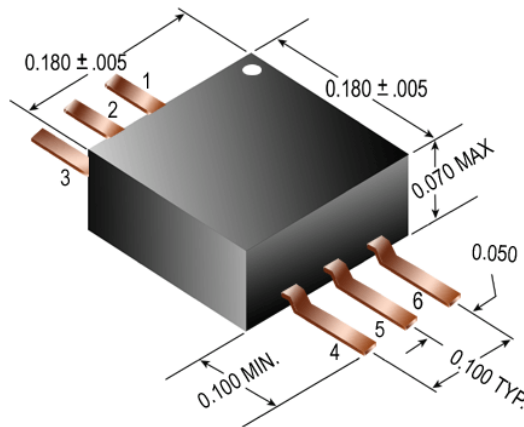


# SWB Series

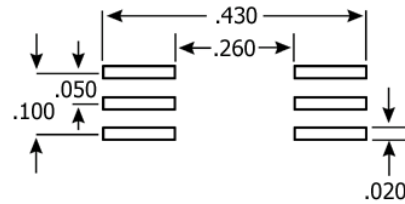
## Wideband RF Transformer

# MIL-T-55631

## QPL Approved



Footprint



### FEATURES

- Low EMI Radiation
- Low Thermal Expansion permits mounting on most substrate materials

### 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
- Space Application: Available to MIL-STD-981

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
<b>SWB1000 Series</b>						
	SWB1010	1 : 1	1.0	1.40	8.0 - 90	1.5 - 300
	SWB1015	1 : 1.5	1.8	1.80	9.0 - 60	6.0 - 130
	SWB1020	1 : 2	1.4	1.50	15 - 80	1.5 - 250
	SWB1040	1 : 4	1.2	1.35	8.0 - 125	1.3 - 210
	SWB1016	1 : 16	1.6*	2.10*	16 - 25	3.0 - 100
<b>SWB2000 Series</b>						
	SWB2010	1 : 1	0.8	1.35	6.0 - 120	1.5 - 360
	SWB2015	1 : 1.5	1.6	1.80	7.0 - 80	4.0 - 180
	SWB2020	1 : 2	1.2	1.40	12 - 85	1.2 - 200
	SWB2040	1 : 4	1.0	1.30	7.0 - 130	0.9 - 270
	SWB2016	1 : 16	1.3*	2.0*	14 - 30	3.0 - 125
<b>SWB3000 Series</b>						
	SWB3010	1 : 1	1.0	1.40	8.0 - 90	1.5 - 300
	SWB3015	1 : 1.5	1.8	1.80	9.0 - 60	6.0 - 130
	SWB3020	1 : 2	1.4	1.50	15 - 80	1.5 - 250
	SWB3040	1 : 4	1.2	1.35	8.0 - 125	1.3 - 210
	SWB3016	1 : 16	1.6*	2.10*	16 - 25	3.0 - 100
*Measured at 15 MHz						



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