

Passive Components: BOO, BSP-1, BSP-3 Series

Electrical Characteristics

.015 x .015	911R5K- BSP-3	913R0K- BSP-3	913R7K- BSP-3	915R6K- BSP-3
PAD 1	0.1 pF	0.2 pF	0.25 pF	0.35 pF
PAD 2	0.2 pF	0.4 pF	0.5 pF	0.75 pF
PAD 3	0.4 pF	0.8 pF	1.0 pF	1.5 pF
PAD 4	0.8 pF	1.6 pF	2.0 pF	3.0 pF
TOTAL	1.5 pF	3.0 pF	3.75 pF	5.6 pF

.020 x .020	913R7K- B00	917R5K B00	9115R0K- B00	9122R5K- B00
PAD 1	0.25 pF	0.5 pF	1.0 pF	1.5 pF
PAD 2	0.5 pF	1.0 pF	2.0 pF	3.0 pF
PAD 3	1.0 pF	2.0 pF	4.0 pF	6.0 pF
PAD 4	2.0 pF	4.0 pF	8.0 pF	12.0 pF
TOTAL	3.75 pF	7.5 pF	15 pF	22.5 pF

.030 x .020	913R7K- BSP-1	917R5K- BSP-1	9115R0K- BSP-1	9122R5K- BSP-1
PAD 1	0.25 pF	0.5 pF	1.0 pF	1.5 pF
PAD 2	0.5 pF	1.0 pF	2.0 pF	3.0 pF
PAD 3	1.0 pF	2.0 pF	4.0 pF	6.0 pF
PAD 4	2.0 pF	4.0 pF	8.0 pF	12.0 pF
TOTAL	3.75 pF	7.5 pF	15 pF	22.5 pF

Notes:

Temperature Coefficient: < 200 PPM/ °C (20 PPM TYP.)

Dielectric: Silicon Dioxide/Silicon Nitride

Equivalent Series Res.: < .05 Ohms @18Ghz

Insulation Resistance: 10¹² Ohms Typ.

Thermal Conductivity: 1.2 °C/cm/W

Capacitance Range: 0.1 pF to 600 pF

Maximum Ratings

Operating Temperature	-55°C to + 150°C
Storage Temperature	-65°C to + 200°C
Temperature Coefficient	190 ppm/ °C Max 40ppm/ °C Typical
Voltage Breakdown	100 Volts

