Microstrip Measurements for Conicals

SERIES CONFIG.

PORT 1  .30"

PORT 2  .30"

Conical orientation as shown.

45° - 60°

SHUNT CONFIG.

PORT 1  .30"

PORT 2  .30"

0.010" Alumina Substrate

Keep lead length as short as possible, (.005"). To achieve this, rotate the coil so the lead is closest to the substrate.

Conical Testing configurations

50 Ohm microstrip substrates

PORT 1

PORT 2

Weld or solder to groundplane through via or wraparound (shown).

45° - 60°