

PCS SURFACE MOUNT CERAMIC PHASE SHIFTER

1930-1990 GHz

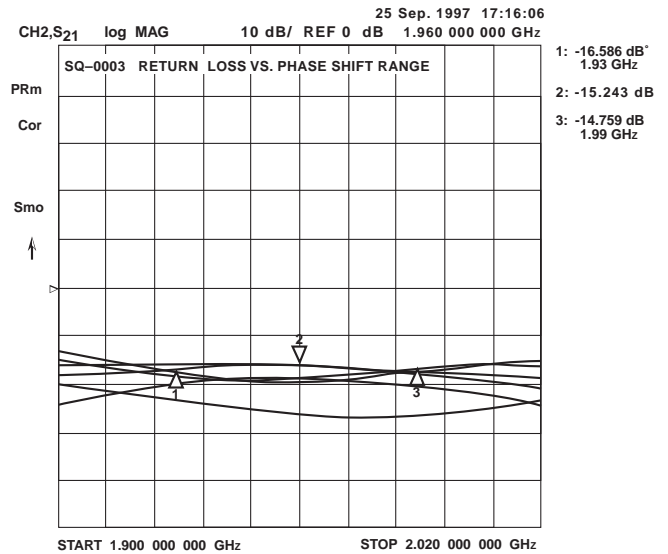
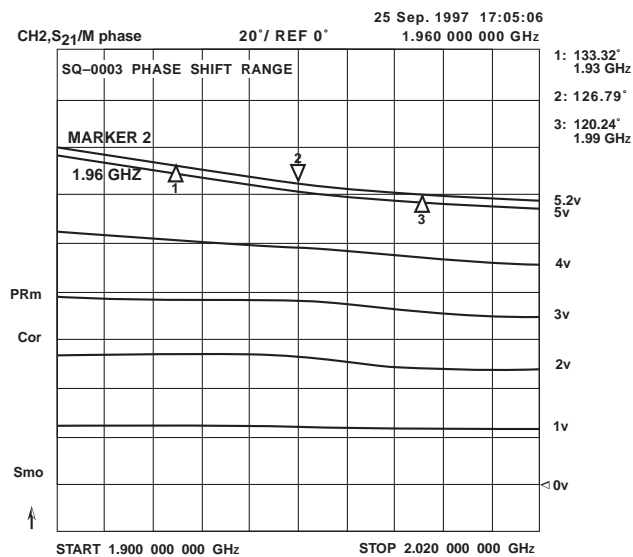
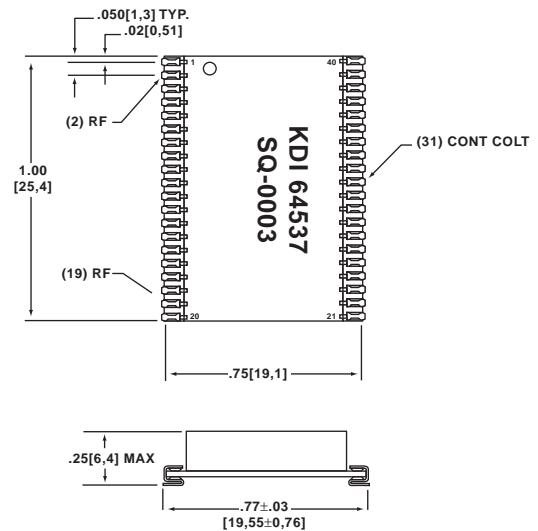
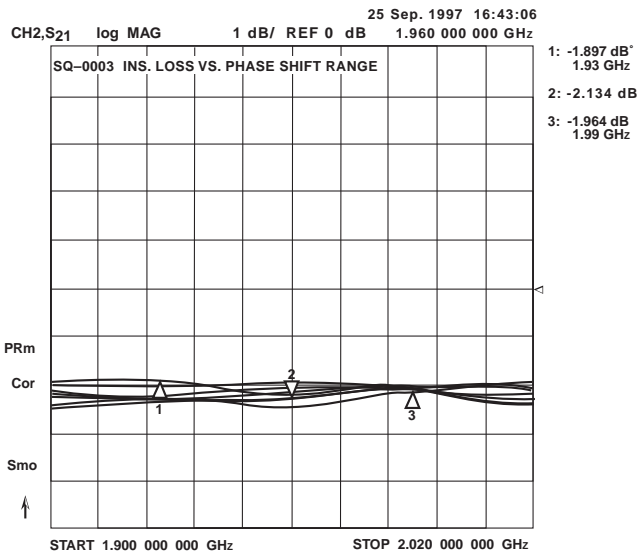
MODEL SQ0003

GENERAL INFORMATION

KDI's new ceramic surface mount analog-phase shifter provides 0-120 degree phase shift minimum over the 1930-1990 MHz frequency band.

The maximum insertion loss and VSWR of the unit is 2.8 dB; the maximum VSWR is 1.7. Phase flatness is specified at +/-9 degrees maximum, and the insertion loss change verses phase shift is well within +/-0.5 dB. The 0-10VDC input control voltage has a corresponding output phase shift that is very repeatable and consistent unit to unit, supporting high rate production without the need for individual unit to unit compensation. The surface mount package (*Surfpac*) is suitable for pick and place and re-flow solder systems.

The unit measures 1.00 x .077 x 0.25 inches, in a ceramic package with a 10⁶ ATM CC/SEC He maximum leak rate with stress relief contact leads.



KEY: Inches[Millimeters] .XX ±.03 .XXX ±.010 [.X ±0.8 .XX ±0.25]



KDI INTEGRATED PRODUCTS

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