

ISLT-51000 PHASE MATCHED SPDT SWITCH

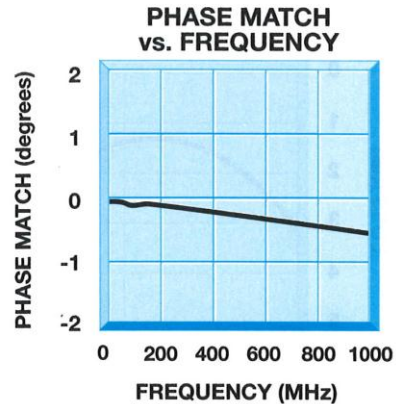
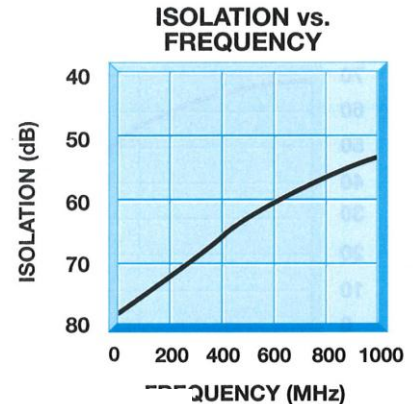
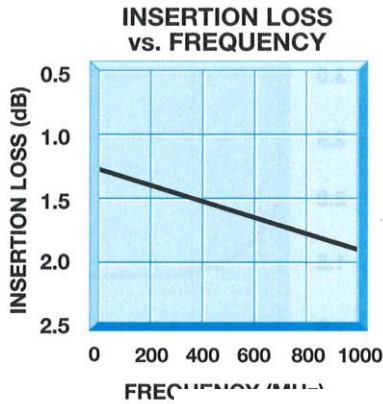
TECHNICAL FEATURE

FEATURES

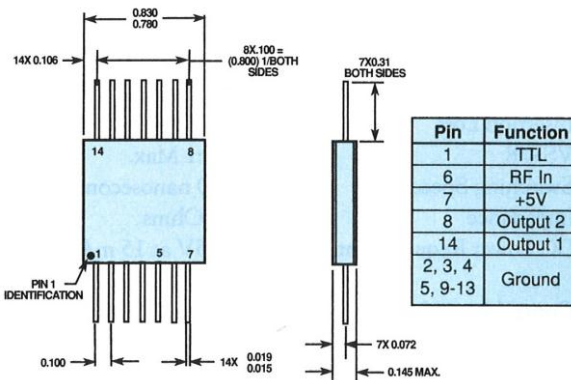
- Miniature Hermetic Construction
- Low Loss

PERFORMANCE

Frequency Range5 to 1000 GHz
 Insertion Loss 2.0 dB max
 Isolation
 5 to 500 MHz..... 50 dB min.
 5 to 1000 MHz..... 45 dB min.
 VSWR..... 1.3:1 max.
 Phase Matching
 Output 1 to Output 2 1.0° max.
 Unit to Unit¹ 1.5° max.
 Rise Time (10% to 90%) 2 ns max.
 Fall Time 5 ns max.
 t_{on} to t_{off}.....
 (50% control to 90% RF) 18 ns max.
 (50% control to 10% RF) 50 ns max.
 1 dB Compression Point (Input) +26 dBm typ.
 Input Power +5 VDC @ 10 mA max.
 Note 1: Each unit to each unit.



MECHANICAL OUTLINE



FUNCTIONAL SCHEMATIC

