

HFTT405S-1

Telemetry Transmitter

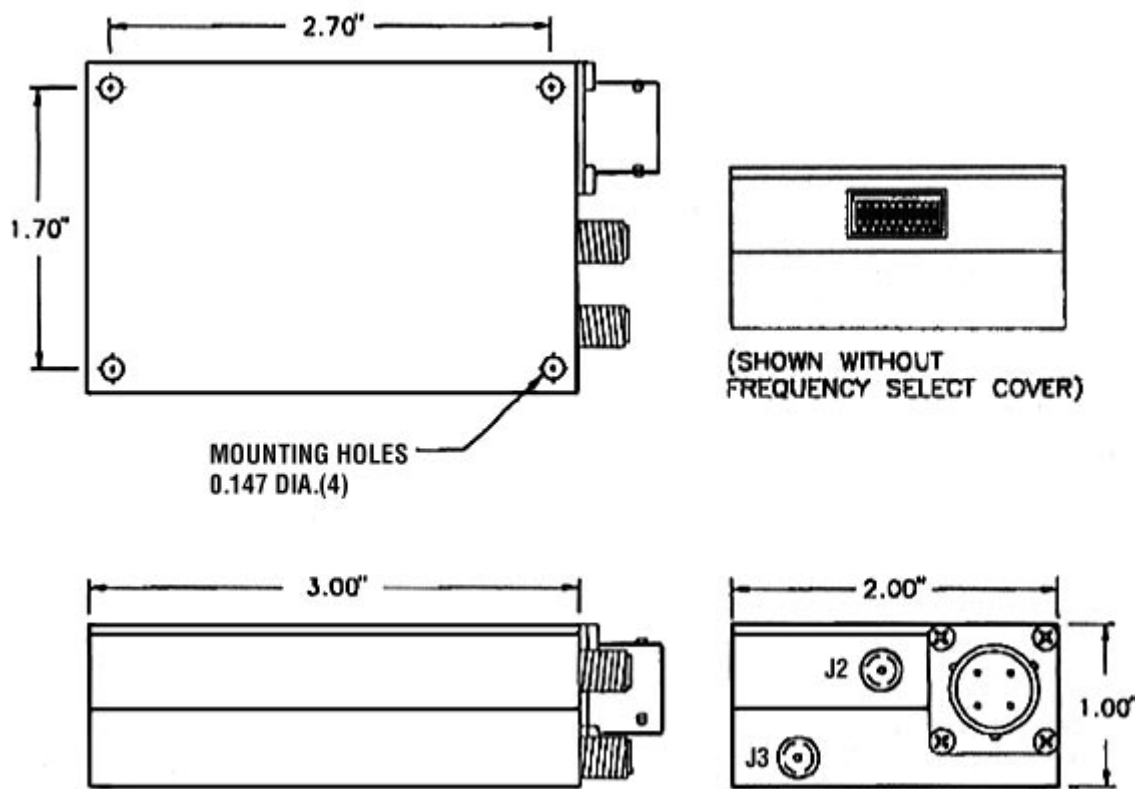
3061 Industry Drive, Lancaster, PA 17603-4025 • Tel 717-397-2777 • Fax 717-397-7079 • www.herley.com

The HFTT405S-1 Telemetry Transmitter is an S-band, Continuous Wave (CW) FM Transmitter used primarily to relay telemetry data or video to a receiving ground station. The units are compact and desirable for those applications where DC power conservation, size and weight are at a premium. Applications include missiles, aircraft, unmanned airborne vehicles (UAV), sounding rockets, drone targets and space launch vehicles.

The design of the HFTT405S-1 utilizes the latest in modern devices and circuitry. It is all solid-state to provide a reliable product with extremely long operating life.

FEATURES:

- 5 Watt minimum RF power
- Frequency selectable in .5 MHz steps via BCD coded rotary switches
- Lightweight, 9 ounces maximum
- All solid-state design
- Internal Isolator
- True FM, AC coupled, positive sense
- Reverse polarity power lead protection



VIDEO
 J1 POWER INPUT
 'A' ±28 VDC
 'B' NC
 'C' GROUND
 'D' GROUND
 #PT02H-8-4P

TELEMETRY
 J1 POWER INPUT
 'A' ±28 VDC
 'B' MOD IN
 'C' GROUND
 'D' GROUND
 #PT02H-8-4P

J2 VIDEO INPUT
 SMA FEMALE
 J3 RF OUT
 SMA FEMALE

Typical Outline - does not show all features - not to be used for generation of control drawings. For detailed outline drawing of a specific part number please contact Herley Industries, Inc.

EXPORT SALES OF THIS PRODUCT ARE SUBJECT TO U.S. GOVERNMENT APPROVAL.
 SALES WILL NOT BE APPROVED TO COUNTRIES PROHIBITED BY THE INTERNATIONAL TRAFFIC IN ARMS REGULATIONS (ITAR).