

Miniature Flight Termination Receiver



Applications

- Flight Termination Systems

Features

- Airborne Flight Termination Receiver
- Sensitive RF Receiver
 - 420MHz to 450MHz Range
 - Tunable over frequency range
 - -107dBm to +13dBm Dynamic Range
 - CP-FSK Demodulation
- 3DES Decryption and Forward Error Correction
- 4 command outputs based on message decryption, authentication and decoding
- Rugged miniature airborne packaging (3.7 in3)
- Full Failsafe operation
- Pulsed command valid output
- Factory and field configurable
- Receiver Status Telemetry Output (RSTO)
- Signal Strength Telemetry Output (SSTO)
- All Solid State Design
- Standard Range Safety Logic
- 22VDC to 36VDC input voltage range
- Lightweight

Description

The EFTR-100 is a miniature airborne Enhanced Flight Termination Receiver for Flight Termination System applications based on emerging EFTS requirements. EFTR-100 includes a highly sensitive double conversion superheterodyne RF receiver that provides commands outputs for flight termination devices based on received messages. EFTS Messages are decrypted, authenticated and decoded in real time. EFTR-100 can be enabled for full fail-safe operation. EFTR-100 is provided in a ruggedized 3.7 cubic inch packaging.

Revision 12/18/2008

EFTR-100 Datasheet

©2008 Teletronics Technology Corporation
Specifications subject to change without notice.



Teletronics Technology Corporation
15 Terry Drive, Newtown, PA 18940
phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com

www.ttcdas.com