



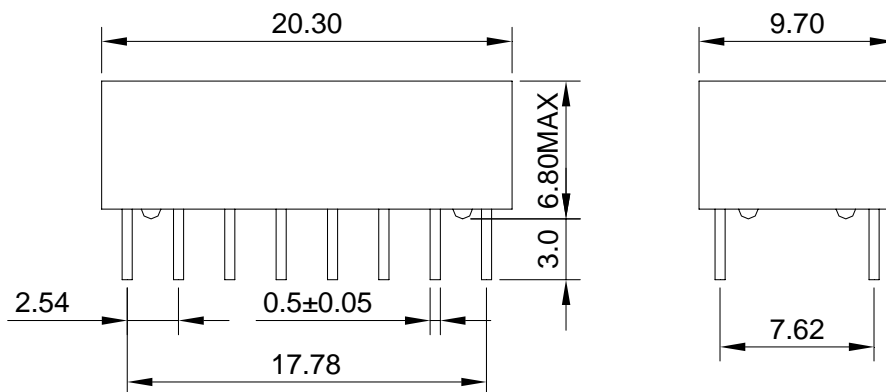
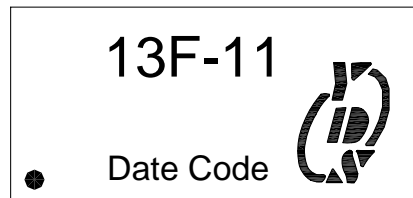
FEATURES

- Compliant with IEEE 802.3u and ANSI X3.263 standards including 350uH OCL with 8mA Bias.
- Operating temperature range: 0°C to +70°C
- Storage temperature range:-25°C to +105°C.
- Recognized By UL 1950



| ELECTRICAL SPECIFICATIONS @25°C-Operating temperature 0°C TO 70°C | | | | | | | | | | | |
|---|------------------|---------|--|----------------------------|--------|--------|--------|--------|----------------------------------|-----------------------------|--------------|
| Part Number | Turns Ratio(±5%) | | Insertion Loss (dB MAX) 0.3-100 MHz | Return Loss (dB MIN @100Ω) | | | | | Crosstalk (dB TYP) 0.3-100MHz | DCMR (dB MIN) 0.3-100MHz | Hipot (Vrms) |
| | Transmit | Receive | | 30 MHz | 40 MHz | 50 MHz | 60 MHz | 80 MHz | | | |
| 13F-11 | 1CT:1 | 1CT:1CT | -1.15 | -16 | -14 | -13.5 | -13 | -12 | -35 | -30 | 1500 |
| 13F-12 | 1CT:1CT | 1CT:1CT | -1.15 | -16 | -14 | -13.5 | -13 | -12 | -35 | -30 | 1500 |
| 13F-12A | 1CT:1CT | 1CT:1CT | -1.1 | -16 | -14 | -13.5 | -13 | -12 | -35 | -30 | 1500 |
| 13F-13 | 1CT:1CT | 1CT:1CT | -1.0 | -16 | -13 | -13 | -13 | -10 | -38 | -30 | 1500 |
| 13F-14 | 1CT:1CT | 1:1 | -1.1 | -16 | -14 | -13.5 | -13 | -12 | -35 | -30 | 1500 |
| 13F-15 | 1CT:1CT | 1CT:1CT | -1.15 | -16 | -14 | -13.5 | -13 | -12 | -35 | -30 | 1500 |
| 13F-16 | 1CT:1CT | 1CT:1CT | -1.15 | -16 | -14 | -13.5 | -13 | -12 | -35 | -30 | 1500 |
| 13F-17 | 1CT:1 | 1CT:1CT | -1.15 | -16 | -14 | -13.5 | -13 | -12 | -35 | -30 | 1500 |
| 13F-17A | 1CT:1CT | 1CT:1CT | -1.15 | -16 | -14 | -13.5 | -13 | -12 | -35 | -30 | 1500 |
| 13F-18 | 1CT:1CT | 1CT:1CT | -1.15 | -16 | -14 | -13.5 | -13 | -12 | -35 | -30 | 1500 |
| 13F-19 | 1CT:1 | 1CT:1 | -1.0 | -16 | -13.5 | -11.5 | -10 | -10 | -38 | -30 | 1500 |
| 13F-1A | 1CT:1CT | 1CT:1CT | -1.0 | -16 | -14 | -13.1 | -12 | -12 | -35 | -30 | 1500 |

Mechanicals



UNIT:mm Unless otherwise specified,all tolerances are ±0.25



SCHEMATICS:

