



Risks / issues for DTE Power

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Risks / issues for DTE Power

- Not compatible with pre DTE Power standard compliant equipment
- Catastrophic Failure when connecting to certain other types of equipment
 - customer support calls, Field calls
 - risk of fire, and litigation

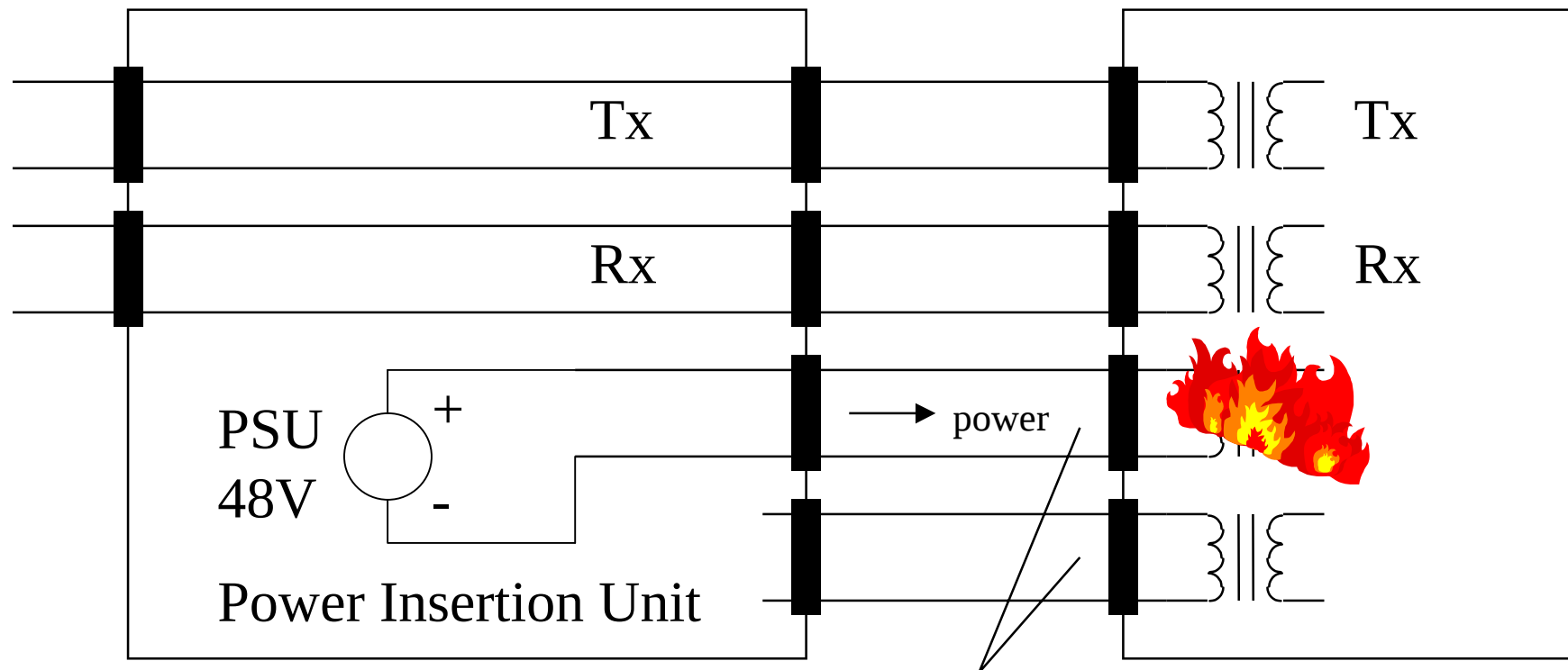


Risks / Implementation issues

- 5 Possible types of equipment:
 - standard 10M
 - 10/100 with “Bob Smith” terminations
 - 1000Base - T
 - powered ethernet eqpt - IP phones etc
 - Ethernet Power Insertion equipment
- The first 4 can safely be mixed with one another but



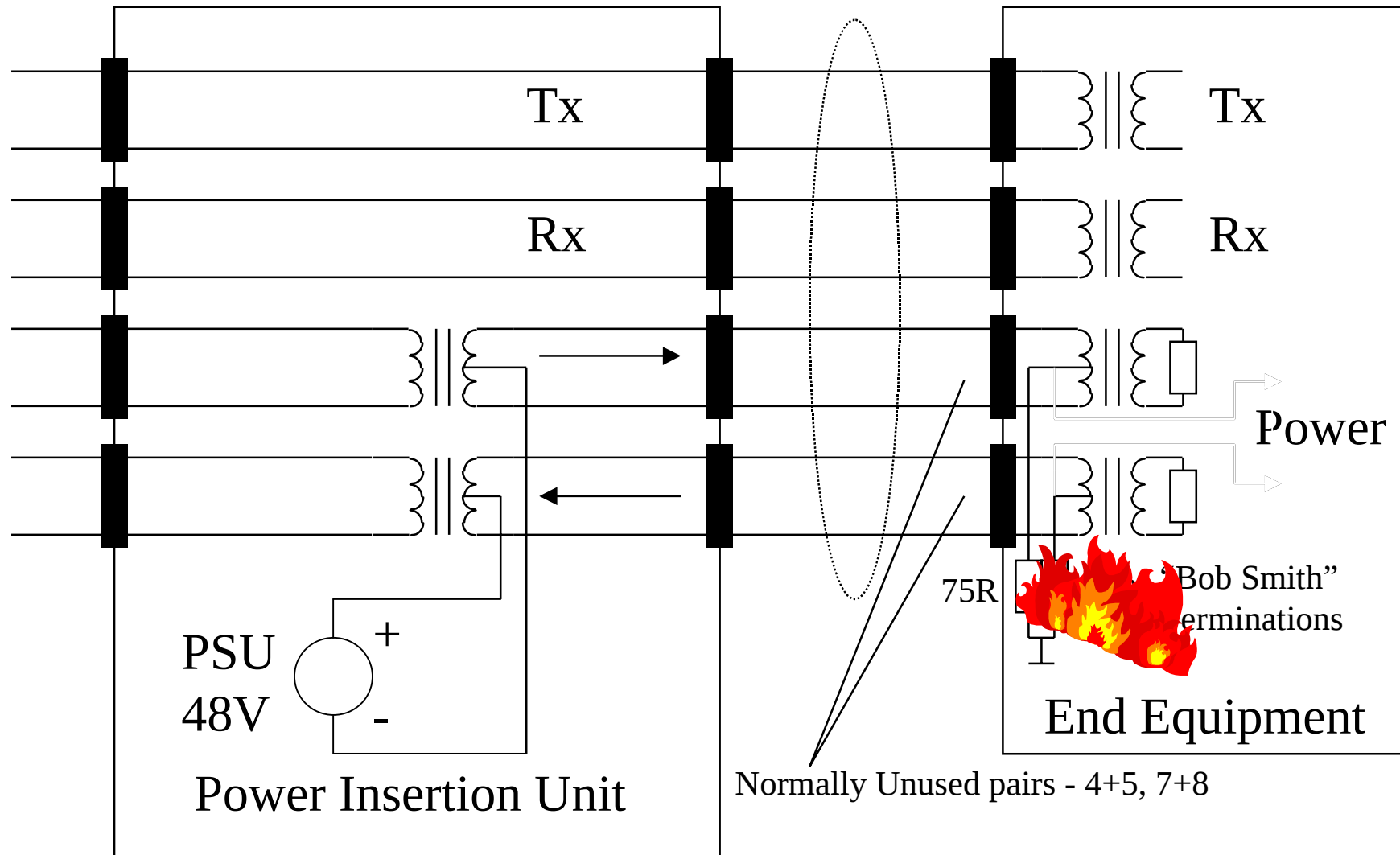
Power insertion as originally envisaged by TIA



Normally Unused pairs - 7+8, 4+5

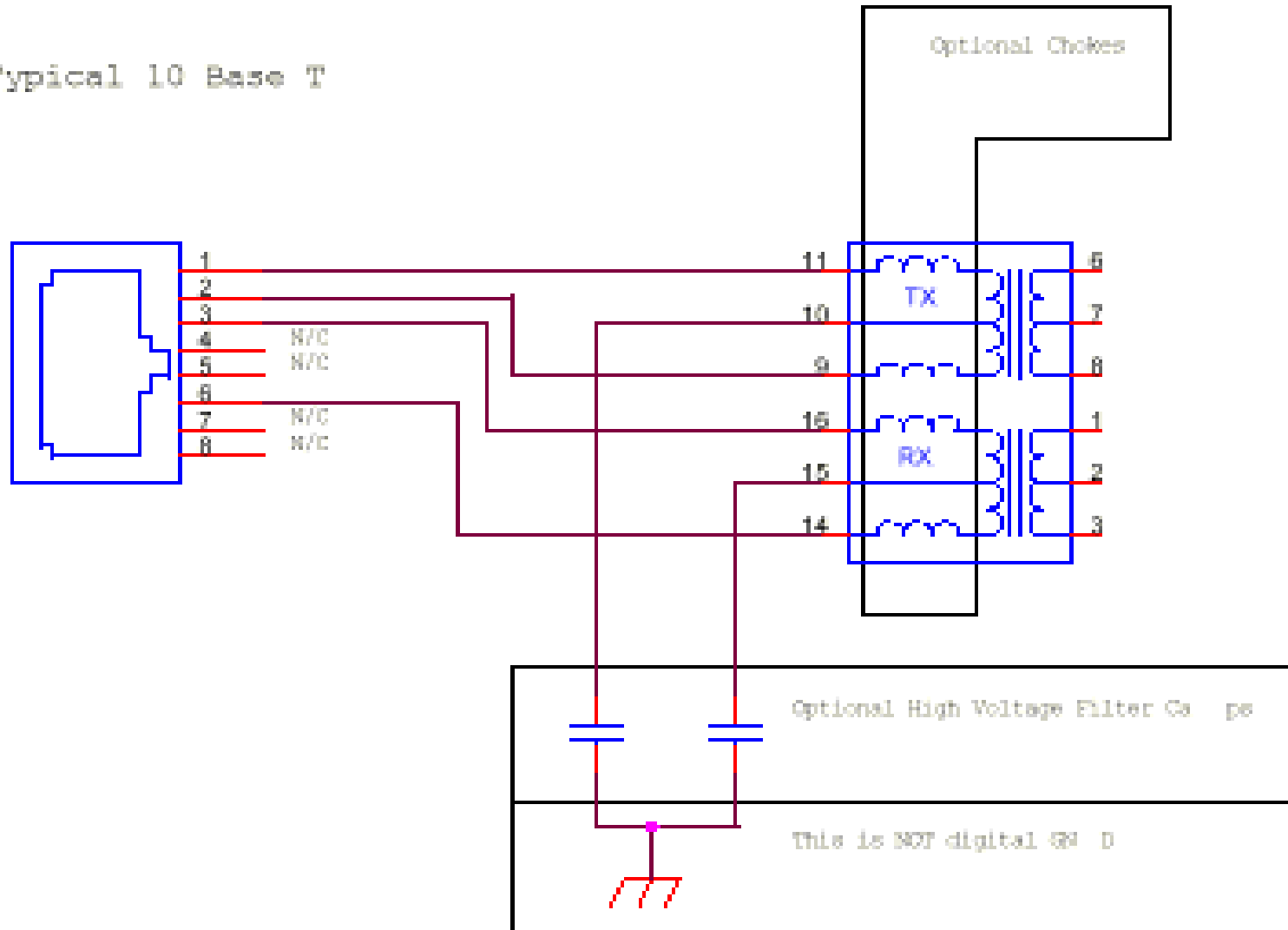


Phantom Power



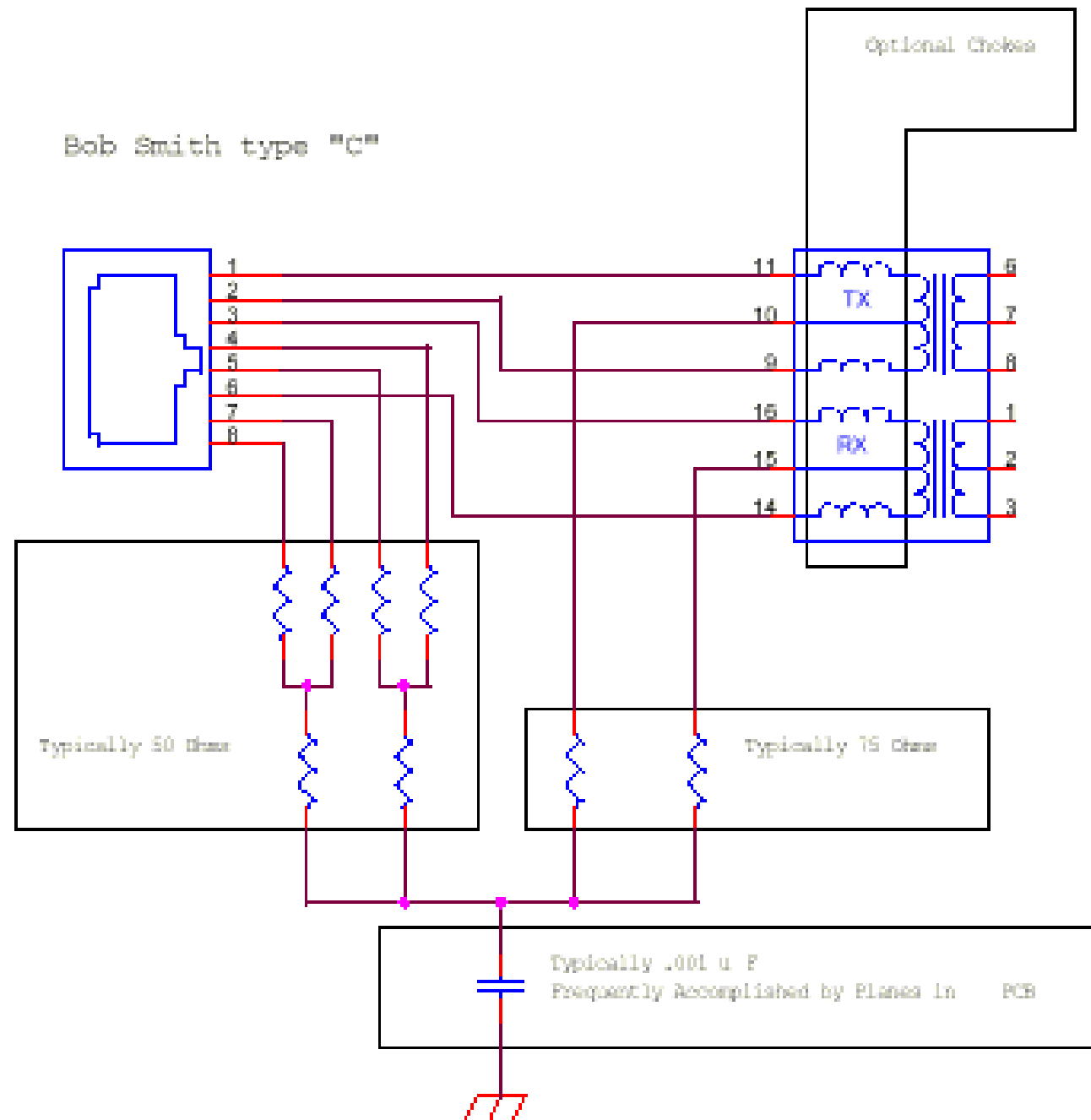


Typical 10 Base T



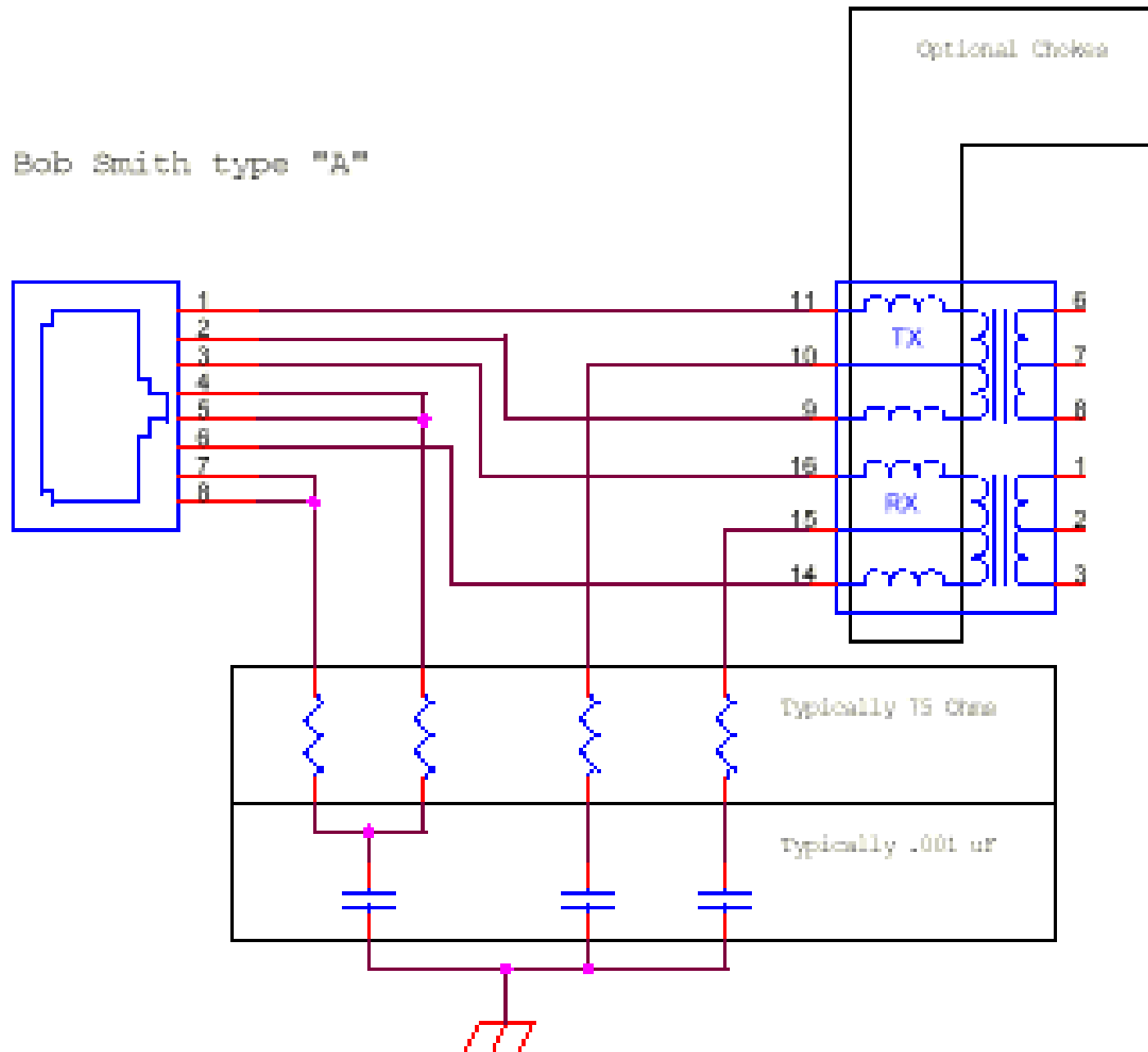


Bob Smith type "C"





Bob Smith type "A"





Bob Smith type "B"

