

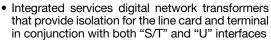
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Vishay Dale

Through Hole Transformers, Pulse, Trigger Type



FEATURES





ROHS

- Designed to meet the CCITT 1.430 pulse wave form template requirements
- Isolation voltage levels available for U.S. and international
- applicationsPrinted circuit board mountable in both through-hole and surface mount packages
- Standard and custom configurations available
- PT-100 series used for "S/T" interfaces
- PT-200 series used for "U" interfaces
- Material categorization: for definitions of compliance please see <u>www.vishav.com/doc?99912</u>

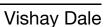
| MODEL | TURNS RATIO | PRIMARY IND. MIN. (mH) | PRIMARY DCR MAX. (Ω) | SECONDARY DCR MAX. (Ω) | LEAKAGE IND. MAX. (µH) | PRIMARY/SECONDARY HIPOT (V _{RMS}) | STYLE NUMBER | SCHEMATIC NUMBER |
|-----------|----------------|------------------------------|----------------------------|------------------------------|------------------------------|---|-----------------|---------------------|
| PT-100-01 | 1 CT : 2 CT | 20 | 1.2 | 11.0 | 30 | 1500 | 1 | 1 |
| PT-100-02 | 1 CT : 2 CT | 20 | 1.2 | 11.0 | 30 | 1500 | 2 | 2 |
| PT-100-04 | 1 CT : 2 CT | 20 | 3.0 | 4.5 | 15 | 1500 | 4 | 4 |
| PT-100-05 | 1 CT : 2.5 CT | 22 | 2.8 | 6.5 | 20 | 1500 | 1 | 1 |
| PT-100-06 | 1 CT : 1 CT | 22 | 2.8 | 2.8 | 10 | 1500 | 5 | 6 |
| PT-100-08 | 1 CT : 1.8 CT | 22 | 2.8 | 5.5 | 20 | 1500 | 1 | 1 |
| PT-100-09 | 1 CT : 2 CT | 22 | 8.0 | 15.0 | 30 | 1500 | 7 | 5 |
| PT-100-12 | 1 CT : 2 CT | 22 | 2.8 | 5.5 | 10 | 2000 | 9 | 4 |
| PT-200-01 | 2.5 : 1 | 72 | 8.5 | 2.0 | 160 | 1100 | 3 | 3 |
| PT-200-02 | 2:1 CT | 25 | 11.0 | 3.5 | 20 | 1100 | 6 | 7 |
| PT-200-03 | 2:1 | 30 | 2.3 | 2.0 | 200 | 1100 | 8 | 8 |
| PT-200-08 | 1.6 : 1 | 13 | 3.0 | 3.0 | 55 | 2000 | 6 | 9 |

| TRANSFORMER CR | RANSFORMER CROSS REFERENCE FOR TRANSCEIVER CHIPS | | | |
|--------------------------|--|-----------------|--|--|
| MODEL | TURNS RATIO | IC MANUFACTURER | IC PART NUMBER | |
| PT-100-01 | 1 CT : 2 CT | SIEMENS | PEB2080/2085/2081 | |
| PT-100-02 | 1 CT : 2 CT | SIEMENS | PEB2080/2085/2081 | |
| | | AMD | 79C30A | |
| PT-100-04 | 1 CT : 2 CT | MITEL | MT8930 | |
| | | NATIONAL | TP3420 | |
| PT-100-05 | 1 CT : 2.5 CT | INTEL | PEB2080/2085/2081 PEB2080/2085/2081 79C30A MT8930 TP3420 29C53 T7250/T7252 MC145474 MC145475 29C53 PEB2080/2085 79C30A MT8930 TP3420 | |
| F1-100-03 | 101.2.501 | AT&T | T7250/T7252 | |
| PT-100-06 | 1 CT : 1 CT | MOTOROLA | MC145474 | |
| F1-100-06 | 101.101 | MOTOROLA | MC145475 | |
| PT-100-08 | 1 CT : 1.8 CT | INTEL | 29C53 | |
| | | SIEMENS | PEB2080/2085 | |
| PT-100-09 | 1 CT : 2 CT | AMD | 79C30A | |
| F1-100-09 | 101.201 | MITEL | PEB2080/2085/208 PEB2080/2085/208 79C30A MT8930 TP3420 29C53 T7250/T7252 MC145474 MC145475 29C53 PEB2080/2085 79C30A MT8930 TP3420 PEB2080/2085/208 79C30A MT8930 TP3420 PEB2080/2085/208 TP3420 T7262/T7263 MC145472 MT8972 | |
| | | NATIONAL | | |
| | | SIEMENS | PEB2080/2085/2081 | |
| PT-100-12 ⁽¹⁾ | 1 CT : 2 CT | AMD | 79C30A | |
| F1-100-12 V | 101.201 | MITEL | PEB2080/2085/208 PEB2080/2085/208 79C30A MT8930 TP3420 29C53 T7250/T7252 MC145474 MC145475 29C53 PEB2080/2085 79C30A MT8930 TP3420 PEB2080/2085/208 79C30A MT8930 TP3420 PEB2080/2085/208 T9C30A MT8930 TP3420 T7262/T7263 MC145472 MT8972 | |
| | | NATIONAL | | |
| PT-200-01 | 2.5 : 1 | AT&T | T7262/T7263 | |
| PT-200-02 | 2:1 CT | MOTOROLA | MC145472 | |
| PT-200-03 | 2:1 | MITEL | MT8972 | |
| PT-200-08 ⁽¹⁾ | 1.6 : 1 ⁽²⁾ | SIEMENS | PEB2091 | |

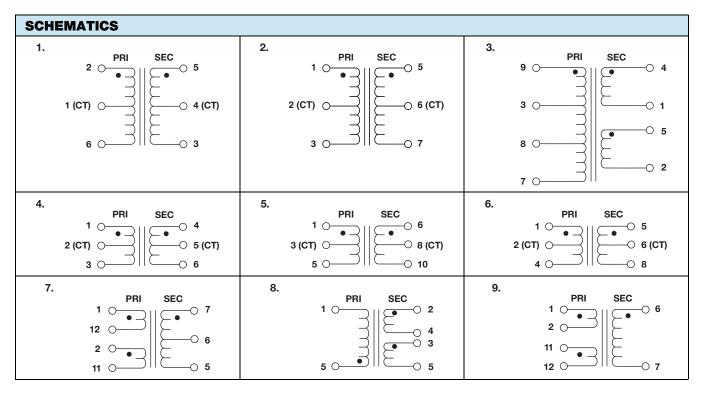
Notes

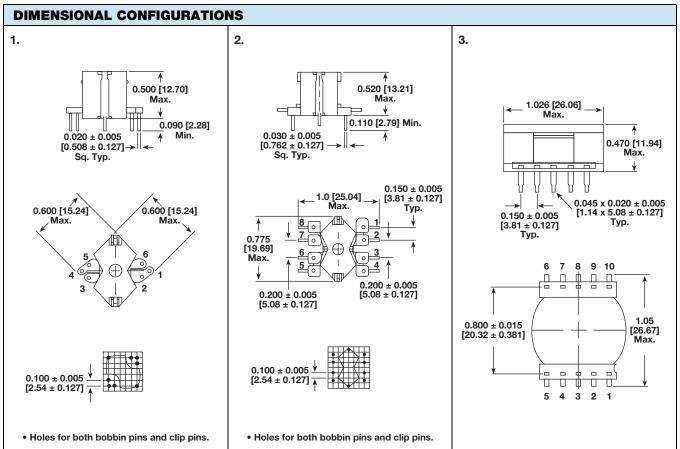
(2) Low profile

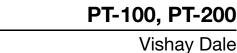
⁽¹⁾ Hipot voltage will meet international safety standards



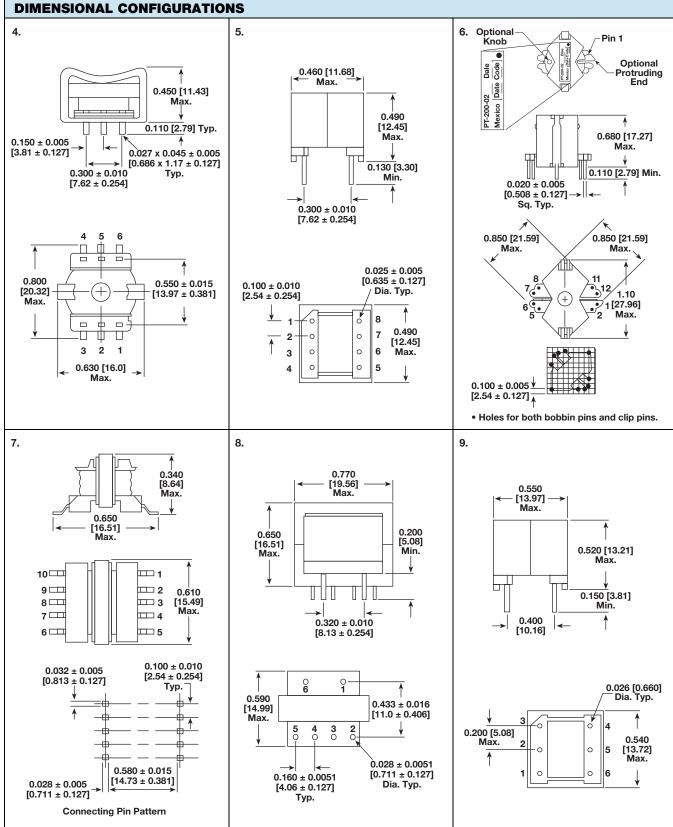














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| ORDERING INFORMATION | | | | | |
|----------------------|--------------|-------------------|---------------------------|--|--|
| PT MODEL | 100 STYLE | 01 DASH NUMBER | EB PACKAGE CODE | e2 JEDEC [®] LEAD (Pb)-FREE STANDARD | |

| GLOBAL PART NUMBER | | | | |
|--------------------|-------|--------------|-------------|--|
| РТ | 1 0 0 | ЕВ | 0 1 | |
| MODEL | STYLE | PACKAGE CODE | DASH NUMBER | |



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Vishay

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