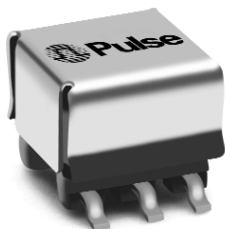


# T1/E1/CEPT/ISDN-PRI SMT TRANSFORMERS



- Small surface mount package
- Isolation voltage: 1500 Vrms minimum
- Extended temperature range: -40°C to +85°C
- Designed to meet Return Loss requirements of ITU G.703

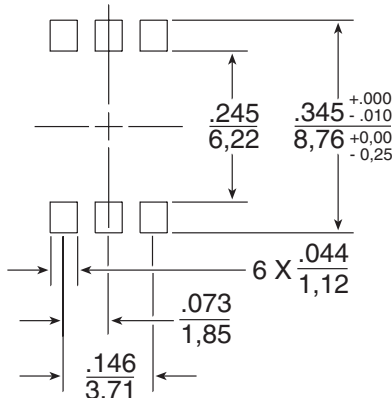
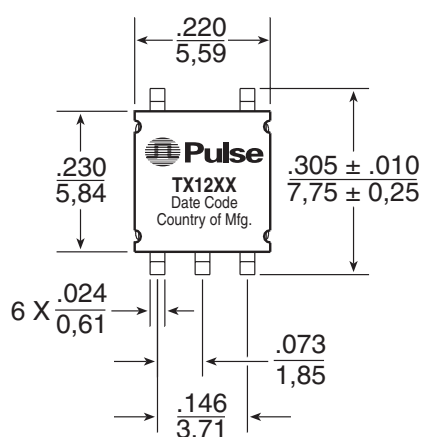
## Electrical Specifications @ 25°C — Operating Temperature -40°C to 85°C

| Part Number | Turns Ratio<br>(Pri:Sec - ±2%) | OCL Pri @ 25°C<br>(mH MIN) | L <sub>L</sub><br>(μH MIN) | C <sub>ww</sub><br>(pF MAX) | DCR Pri<br>(Ω MAX) | DCR Sec<br>(Ω MAX) |
|-------------|--------------------------------|----------------------------|----------------------------|-----------------------------|--------------------|--------------------|
| TX1281      | 1CT:1                          | 2.0                        | 1.2                        | 65                          | 2.7                | 2.7                |
| TX1282      | 1.14CT:1                       | 2.2                        | 1.4                        | 65                          | 2.8                | 2.8                |
| TX1283      | 1.35CT:1                       | 2.0                        | 1.4                        | 65                          | 2.7                | 2.0                |
| TX1284      | 1.26CT:1                       | 1.2                        | 1.0                        | 50                          | 2.5                | 2.0                |

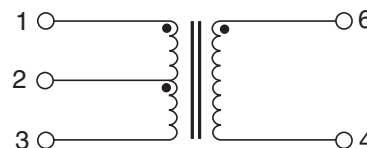
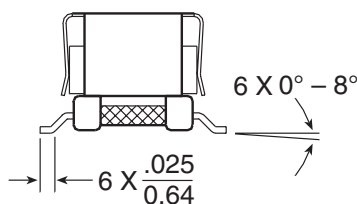
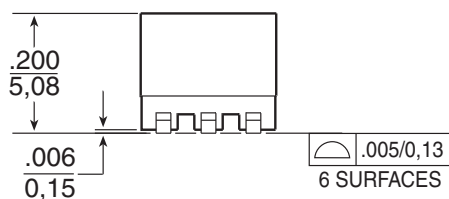
## Mechanical

## Schematic

### TX12XX



### SUGGESTED PAD LAYOUT



Weight ..... .038 grams  
Tape & Reel ..... 1000/reel  
Tray ..... .80/tray  
Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
Unless otherwise specified,  
all tolerances are  $\pm \frac{.010}{0.25}$

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