

## EPR1526S & EPR1526S-RC

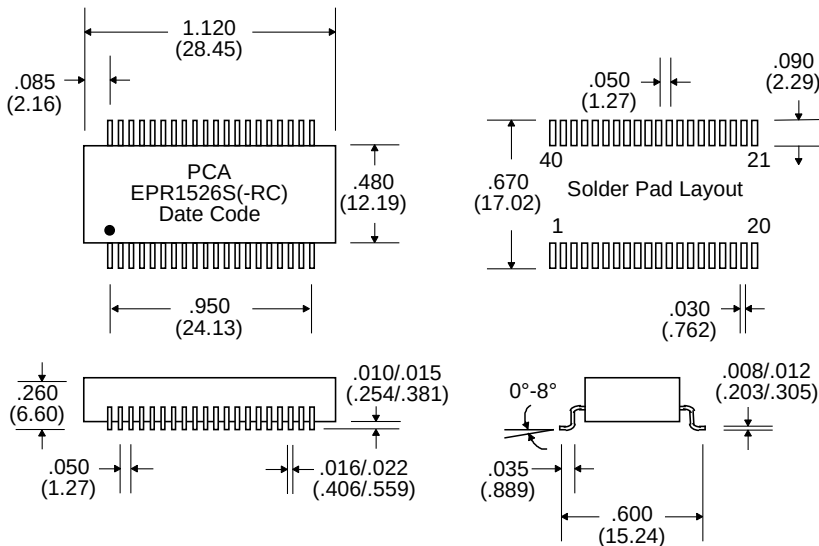


- Designed for T1/E1 Tranceiver Chip-Set
- Robust design allows for toughest soldering processes
- Add "-RC" after part number for RoHS Compliant
- Isolation : 1500 Vrms

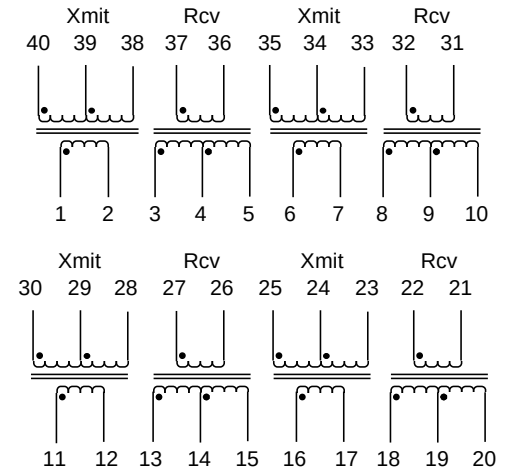
### Electrical Parameters @ 25° C

| Primary Inductance<br>(mH Min.) | Leakage Inductance<br>(µH Max.) | Interwinding Capacitance<br>(pF Max.) | DCR<br>(Ω Max.) |      |      |      | Turns Ratio<br>(± 2%) |           |
|---------------------------------|---------------------------------|---------------------------------------|-----------------|------|------|------|-----------------------|-----------|
|                                 |                                 |                                       | Xmit            |      | Rcv  |      | Xmit                  | Rcv       |
| @ 100 KHz, 0.1 Vrms             | @ 100 KHz, 0.1 Vrms             | @ 100 KHz, 0.1 Vrms                   | Pri.            | Sec. | Pri. | Sec. | Pri.:Sec.             | Pri.:Sec. |
| 1.2                             | 0.6                             | 35                                    | 0.9             | 1.3  | 0.9  | 0.9  | 1:2CT                 | 1:1CT     |

### Package



### Schematic



| Notes :   | EPR1526S   | EPR1526S-RC                             |
|---|--|---|
| 1. Assembly Process (Solder Composition)  | SnPb   | Pb-Free +<br>(RoHS exemption 7a)        |
| 2. Peak Solder Rating<br>(per IPC/JEDEC J-STD-020C)                                 | 225°C  | 260°C                                   |
| 3. Moisture Sensitive Levels (MSL)<br>(per IPC/JEDEC J-STD-020C)                    | MSL = 3<br>(168 Hours, ≤30°C/60%RH)                    | MSL = 4<br>(72 Hours, ≤30°C/60%RH)      |
| 4. Weight   | TBD grams  | TBD grams                               |
| 5. Packaging Information<br>(*Add "TR" to end of part number<br>when placing order) | (Tube)<br>TBD pieces/tube                              | TBD pieces/tube                         |
|   | (Tape & Reel)<br>TBD pieces/13" reel<br>(*EPR1526S-TR) | TBD pieces/13" reel<br>(*EPR1526S-RCTR) |

Unless Otherwise Specified Dimensions are in Inches /mm ± .010 / .25