

## EPT7003C & EPT7003C-RC



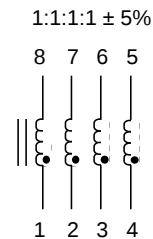
- Surface Mount Package
- Robust Construction for Reflow Processing
- Operating Temperature : 0°C to 85°C
- Peak Solder Rating (See Note 2)
- RoHS Compliant

### Electrical Parameters @ 25° C

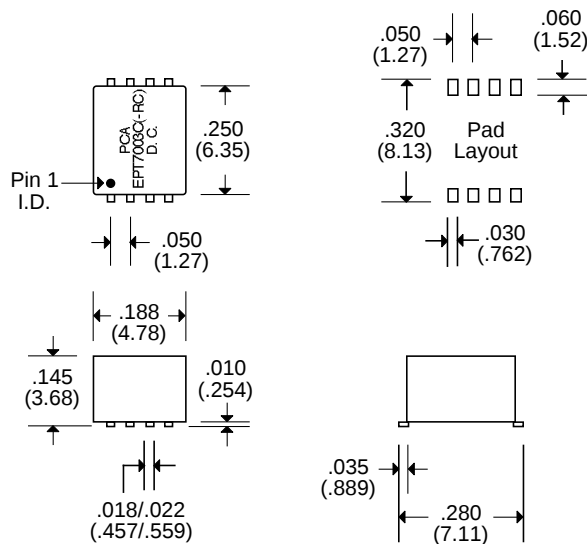
| Inductance<br>( $\mu$ H Min.) | DCR<br>(WMax.)             | Hipot<br>(Vrms) | CMRR      |
|-------------------------------|----------------------------|-----------------|-----------|
| @100 KHz, 100 m Vrms          |                            |                 |           |
| 4.0                           | 0.250                      | 300             | See Graph |
| Pins 1-8, 2-7, 3-6 and 4-5    | Pins 1-8, 2-7, 3-6 and 4-5 |                 |           |

| Notes :                                                                             | EPT7003C                               | EPT7003C-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, E30°C/60%RH)    | MSL = 4<br>(72 Hours, E30°C/60%RH)       |
| 4. Weight                                                                           | 0.33 grams                             | 0.33 grams                               |
| 5. Packaging Information<br>(*Add "TR" to end of part number<br>when placing order) | 1000 pieces/13" reel<br>(*EPT7003C-TR) | 1000 pieces/13" reel<br>(*EPT7003C-RCTR) |

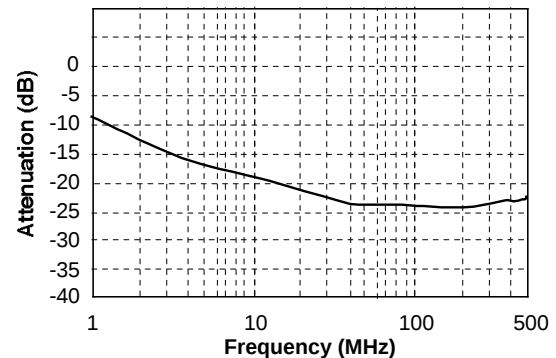
### Schematic



### Package



### Typical CMRR



Unless Otherwise Specified Dimensions are in Inches /mm  $\pm .010 / .25$