

Token Ring Transceiver Module



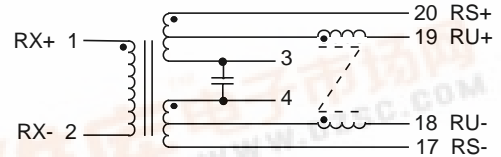
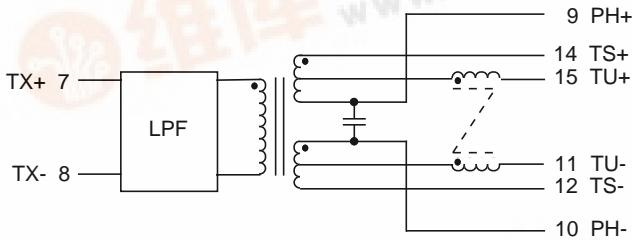
EPT7082S

- Optimized for T1380C60 & T1380C30
- Supports UTP & STP Transmission cables
- Complies with or exceeds IEEE 802.5 Requirements

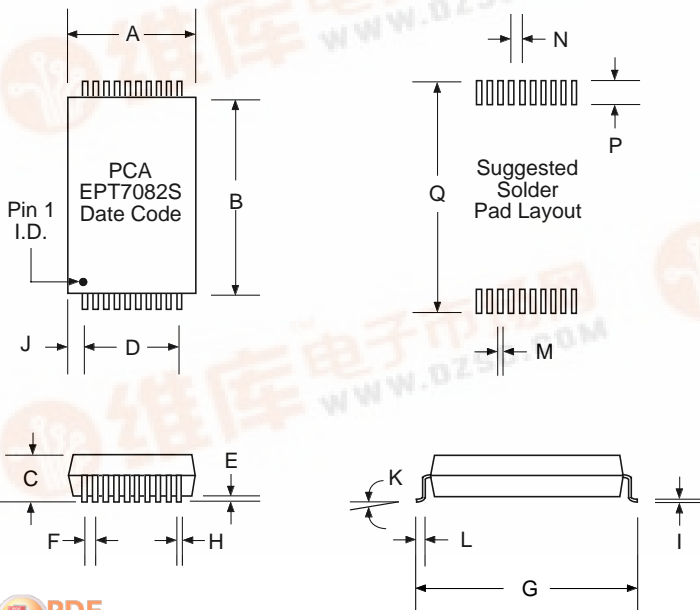
Electrical Parameters @

| Impedance (Ω) [Xmit/Rcv] | Insertion Loss (dB) | | | | | | | | Return Loss (dB Min.) | | | | | | | | Common Mode Rejection (dB Min.) | | | | | | | | Crosstalk (dB Min.) |
|------------------------------|---------------------|-----|--------|------|--------|------|--------|------|-----------------------|-----|----------|-----|-----------|-----|----------|-----|---------------------------------|-----|-------------|-----|-------------|-----|----------|-----|---------------------|
| | 1-16 MHz | | 32 MHz | | 36 MHz | | 44 MHz | | 1-8 MHz | | 8-17 MHz | | 17-24 MHz | | 1-30 MHz | | 30-100 MHz | | 100-200 MHz | | 200-300 MHz | | 1-30 MHz | | |
| Media Side 150/150 | Max. | | Min. | Max. | Min. | Max. | Min. | Max. | | | | | | | | | | | | | | | | | |
| Cable Side | Xmit | Rcv | Xmit | Rcv | Xmit | Rcv | Xmit | Rcv | Xmit | Rcv | Xmit | Rcv | Xmit | Rcv | Xmit | Rcv | Xmit | Rcv | Xmit | Rcv | Xmit | Rcv | Xmit | Rcv | |
| 150/100 | -8 | -1 | -7 | -1 | -25 | -1 | -30 | -1 | -15 | -15 | -15 | -15 | -8 | -10 | -30 | -40 | -30 | -35 | -30 | -20 | -20 | -10 | -10 | | -40 |

Schemati



Packag



Dimensio

| Dim. | (Inches) | | | (Millimeters) | | |
|------|----------|-------|-------|---------------|-------|-------|
| | Min. | Max. | Nom. | Min. | Max. | Nom. |
| A | .615 | .635 | .625 | 15.62 | 16.13 | 15.87 |
| B | .990 | 1.10 | 1.00 | 25.15 | 27.94 | 25.40 |
| C | .205 | .225 | .215 | 5.21 | 5.72 | 5.46 |
| D | --- | --- | .450 | --- | --- | 11.43 |
| E | .010 | .015 | .013 | .254 | .381 | .330 |
| F | --- | --- | .050 | --- | --- | 1.27 |
| G | 1.135 | 1.155 | 1.145 | 28.83 | 29.34 | 29.08 |
| H | .016 | .022 | .020 | .406 | .559 | .508 |
| I | .008 | .012 | .010 | .203 | .304 | .254 |
| J | --- | --- | .088 | --- | --- | 2.22 |
| K | 0° | 8° | --- | 0° | 8° | --- |
| L | .025 | .045 | .035 | .635 | 1.14 | .889 |
| M | --- | --- | .025 | --- | --- | .635 |
| N | --- | --- | .050 | --- | --- | 1.27 |
| P | --- | --- | .085 | --- | --- | 2.16 |
| Q | --- | --- | 1.185 | --- | --- | 30.10 |

