

# 10 Base-T Multiport Module for CS8904 Dual PHY

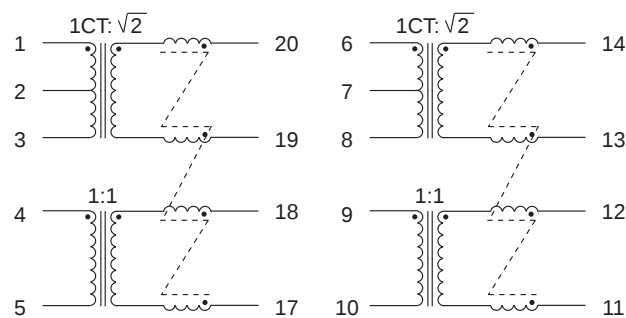
## EPE6265S

- Cost competitive solution for 2 port 10 Base-T switches •
- Also recommended for TI Dual PHY and similar dual chips •
- Robust design allows for most severe soldering processes •
- Complies with or exceeds IEEE Requirements •

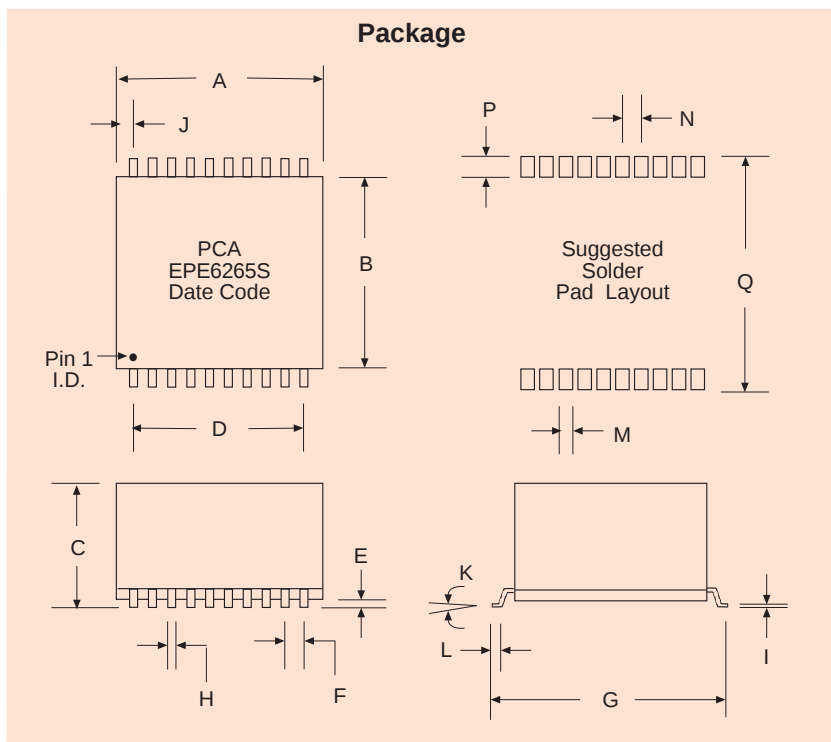
### Electrical Parameters @ 25°C

| Inductance<br>( $\mu$ H Min.) | Return<br>Loss<br>(dB Min.)      | Common Mode<br>Rejection<br>(dB Min.) |                  | Isolation<br>(Vrms) |
|-------------------------------|----------------------------------|---------------------------------------|------------------|---------------------|
| @ 100 KHz,<br>0.1 Vrms        | 5 MHz - 10 MHz<br>@ 100 $\Omega$ | @ 1 - 100<br>MHz                      | @ 1 - 100<br>MHz |                     |
|                               |                                  | Xmit                                  | Rcv              |                     |
| 100                           | -15                              | -25                                   | -20              | 1500                |

### Schematic



### Package



### Dimensions

| Dim. | (Inches) |      |      | (Millimeters) |       |       |
|------|----------|------|------|---------------|-------|-------|
|      | Min.     | Max. | Nom. | Min.          | Max.  | Nom.  |
| A    | .590     | .610 |      | 25.15         | 25.40 |       |
| B    | .490     | .510 |      | 6.60          | 7.11  |       |
| C    | .310     | .330 |      | 7.87          | 8.38  |       |
| D    | .450     | Typ. |      | 11.43         | Typ.  |       |
| E    | .010     | .020 |      | .254          | .508  |       |
| F    | .050     | Typ. |      | 1.27          | Typ.  |       |
| G    | .630     | .650 |      | 10.16         | 10.67 |       |
| H    | .016     | .022 |      | .406          | .559  |       |
| I    | .008     | .012 |      | .203          | .305  |       |
| J    | .075     | Typ. |      | 1.90          | Typ.  |       |
| K    | 0°       | 8°   |      | 0°            | 8°    |       |
| L    | .040     | .060 |      | 1.02          | 1.52  |       |
| M    |          |      | .030 |               |       | .762  |
| N    |          |      | .050 |               |       | 1.27  |
| P    |          |      | .090 |               |       | 2.29  |
| Q    |          |      | .680 |               |       | 17.27 |