

**TEW5720** is designed to be used as a transmit transformer in the ISDN primary rate access network with the following devices:

- Dallas DS2186  
DS2151Q  
DS2153Q
- AT&T T7290
- PMC-Sierra PM4341 T1X  
PM6341 E1

**TEW5720-1** is designed to be used as transmit transformer for:

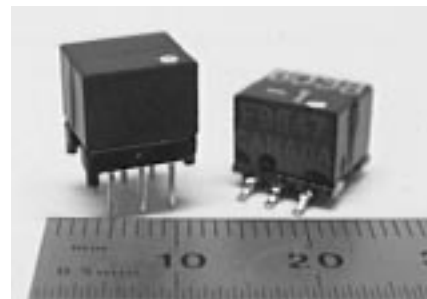
- Rockwell BT8510

#### Features

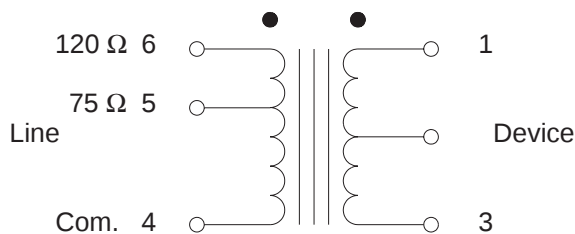
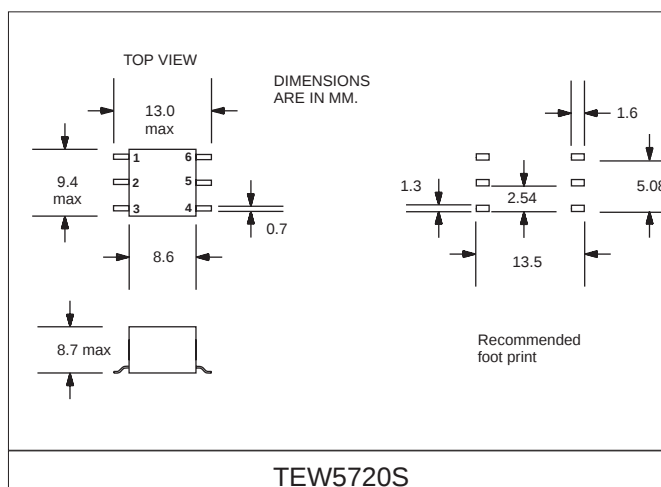
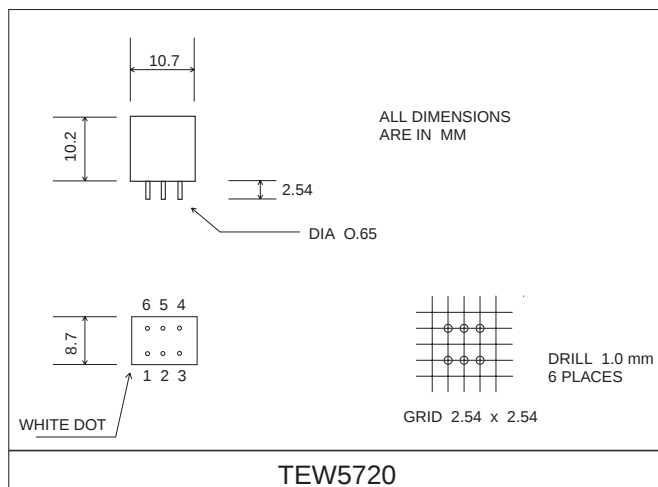
- Low cost.
- Through Hole and SMD

For SMD version:  
Add letter "S" after part number.

E.g. TEW5720S-1.TDM Multiplexers.



## MECHANICAL



## ELECTRICAL SPECIFICATION

### TEW5720

### TEW5720-1

|                             |                                        |                 |                   |
|-----------------------------|----------------------------------------|-----------------|-------------------|
| Application                 |                                        | T1/CEPT         | T1/CEPT           |
| Line Impedance ( $\Omega$ ) | (4 - 6)<br>(4 - 5)                     | 100 /120<br>75  | 100/120<br>75     |
| Turns ratio                 | (3 - 1) : (4 - 6)<br>(3 - 1) : (4 - 5) | 1:1.35<br>1:1   | 1 : 1.26<br>1 : 1 |
| Inductance (mH)             | (4 - 6)                                | > 0.50          | > 0.5             |
| Pulse Mask                  |                                        | T1.408<br>G.703 | T1.408<br>G.703   |
| Longitudinal Balance        |                                        | 1.431           | 1.431             |
| Dielectric Strength (V rms) |                                        | 1500            | 1500              |