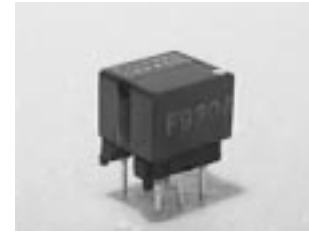


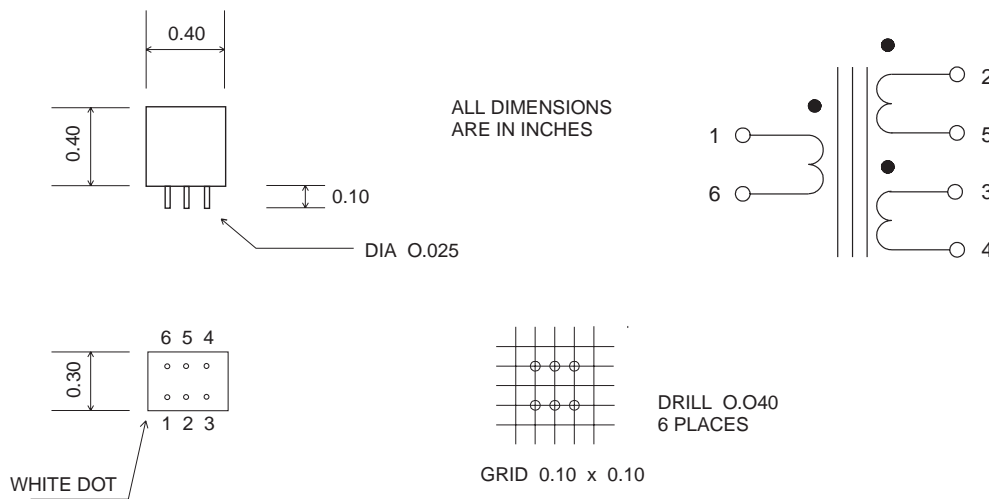
SCOPE

The TEW4087 transformer was designed to provide matching between a coax cable and a twisted pair.

It is based on the Ethernet data link protocol which uses base-band signaling at 10Mbps.



MECHANICAL



ELECTRICAL

| | | |
|--------------------------|--------------------------|------------------|
| Inductance | each winding | 500 μ H min |
| Leakage Inductance | 1-6 with 2,3,4,5 shorted | 0.5 μ H max |
| Winding Resistance | each winding | 0.7 Ω max |
| Interwinding Capacitance | | 90 pf max |
| Turns Ratio | | 1:1:1 |
| Dielectric Strength | | 500V rms |

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