

LAN

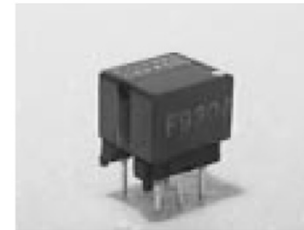
Matching Transformer

TEW4087

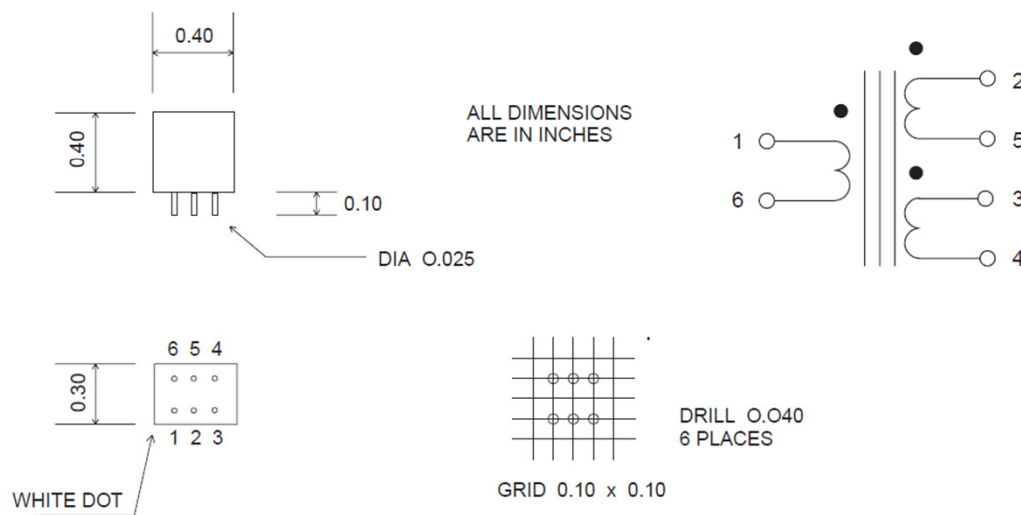
SCOPE

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