

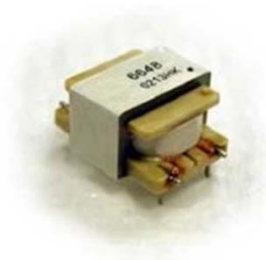
# V.90

# Modem Transformer

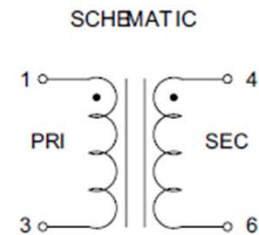
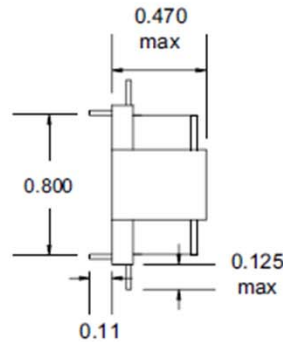
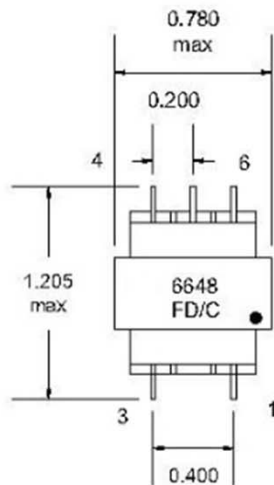
# 6648

The 6648 is designed to reflect 600 ohms on PRI with 374 ohms on SEC. With its excellent Low distortion properties, it can be used in high speed data applications.

- Flat frequency response.
- Compatible with V.90 technologies.
- Low profile.



### MECHANICAL AND SCHEMATIC (All dimensions in inches)



### ELECTRICAL SPECIFICATION @ 25°C

Longitudinal Balance:	.60 dB min, 200 Hz to 1 kHz
	.40 dB min, 1 kHz to 4 kHz
DC Resistance:	.PRI: 108 ohms ± 10 %
	.SEC: 120 ohms ± 10 %
Frequency Response:	± 0.25 dB, 200 Hz to 4 kHz
Insertion Loss:	.2.0 ± 0.25 dB at 1 kHz
Total Harmonic Distortion:	-.82 dB max. @ 600 Hz, -10 dB m (V.34)
Return Loss:	.15 dB min., 300 Hz to 3 kHz.
Turns Ratio (PRI:SEC):	.1:1 ± 2%
DC in PRI:	.None
Dielectric Test:	.1250 VAC, between PRI and SEC