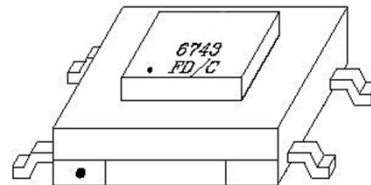


2006/05/11

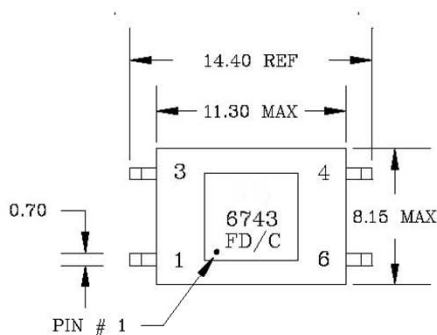
Modem Transformer, V.32

6743

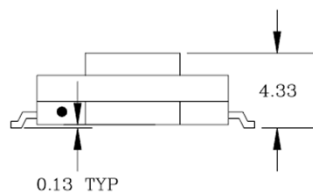
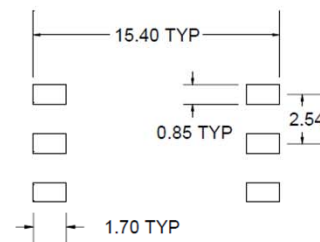
- Low distortion, suitable for use in V.32 application
- Operating temperature -40°C to +85°C
- Low cost
- Small size, low profile
- UL94V-0



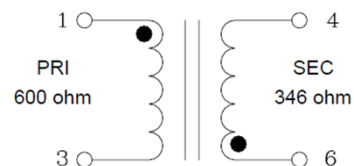
MECHANICAL AND SCHEMATIC (All dimensions in millimetres)



SUGGESTED PAD LAYOUT



SCHEMATIC



ELECTRICAL SPECIFICATIONS @ 25°C

Part Number	Turns Ratio (±2%)	Insertion Loss @ 1kHz, 20°C dB MAX	Frequency Response 300Hz-3.5kHz dB	Return Loss 300Hz-3.5kHz dB MIN	Longitudinal Balance 200Hz-4kHz dB MIN	DCR PRI (±15%) OHMS	DCR SEC (±15%) OHMS	Isolation Voltage (VAC) PRI-SEC & PRI-CORE
6743	1:1	3.11	+0.15 to -0.35	25	60	127	150	1250

Additional specifications :
Maximum output power : 2.3 mW
Total harmonic distortion at 600 Hz, -10 dBm : typical -82dB