

**Wide Band RF Transformer
for Set-Top Box and Cable Modem Applications**



Electrical Specifications @ 25°C --- Operating temperature -40°C To 85°C .

P/N : VT-1036S

A) Electrical Specifications :

1) TURNS RATIO :

(1-2-3) : (6-4) = 1CT : 1 +/-1%

2) INDUCTANCE :

(1-3) : 320 uH min.@ 100KHz 0.1V

(6-4) : 320 uH min.@ 100KHz 0.1V

3) DCR :

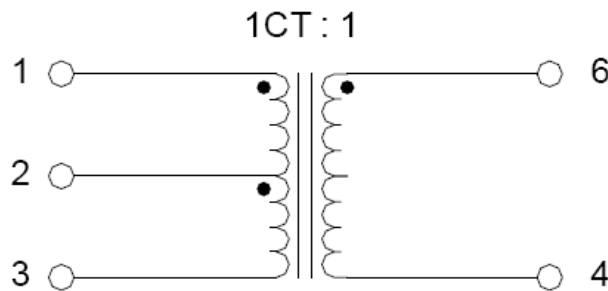
(1-3) : 0.160 ohm max.

(6-4) : 0.160 ohm max.

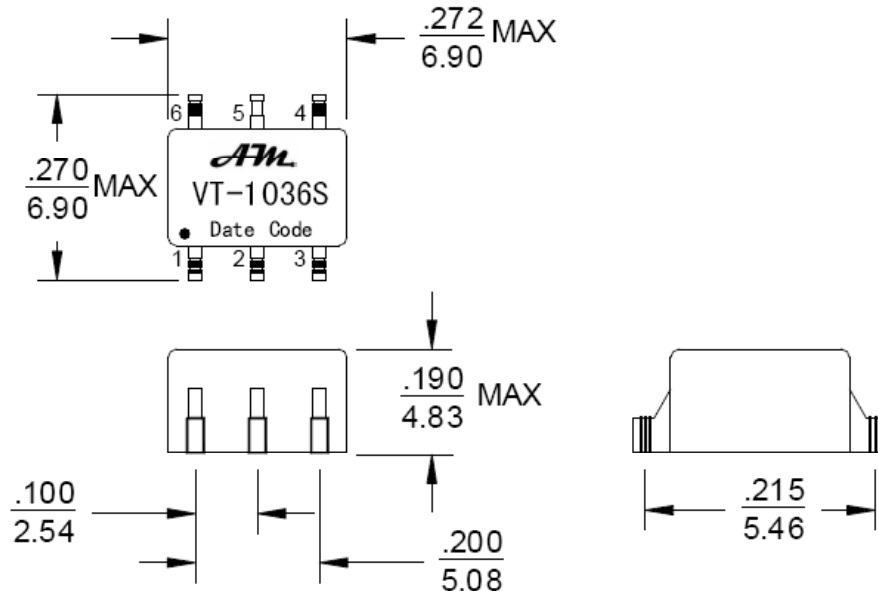
4) Frequency Bandwidth : 3 dB @ 0.0065 ~ 255 MHz

5) Isolation voltage : 1500 Vrms min.

B) Schematics



C) Mechanical Dimensions (Unit: inches / mm)



Unless otherwise specified , all tolerances are +/- .010 / 0.25

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