

# VIDEO ISOLATION TRANSFORMER



R3532, R3542



- Isolation transformers used to eliminate hum bars or other interference problems due to differences in ground potential or induced common mode noise.
- Ideal for use in CCTV (closed circuit television) applications
- Isolation: 250Vdc (Pri to Sec)
- Operating Temperature 0°C to +70°C
- RoHS Compliant Product
- Custom Design Available

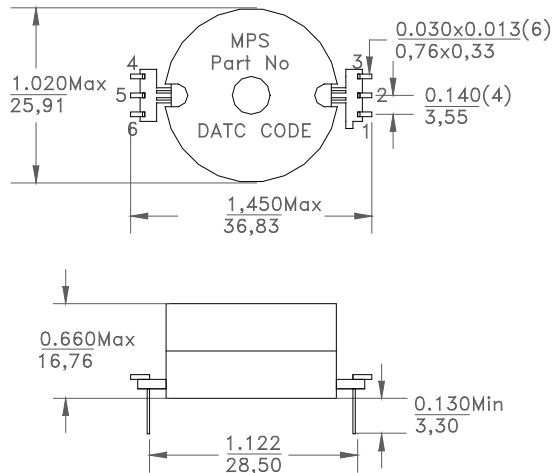
## ELECTRICAL PARAMETERS @ 25°C

Part Number	Impedance Ratio 1-3:6-4 (±5%)	Bandwidth	Insertion Loss @100KHz (dB Max)	Inductance (mH Min) (1-3)	DCR (Ohm Max) (1-3)
R3532	75Ω : 100Ω	60Hz-6MHz	0.50	400	6.0
R3542	75Ω : 75Ω	50Hz-8MHz	0.50	500	7.0

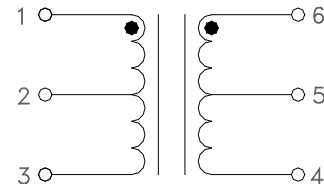
**Note:**

1. Polarity: 1 and 6 are in phase

## DIMENSIONS



## SCHEMATIC



**Dimensions**

Unless otherwise specified, all tolerances are:  
 inch: .XX : ±0.015 .XXX : ±0.004  
 mm: X,X : ±0,38 X,XX : ±0,10

Product performance is limited to specified parameters. Data is subject to change without prior notice.

Tel: 310-325-1043  
 Fax: 310-325-1044

www.mpsind.com  
 sales@mpsind.com