

VIDEO ISOLATION TRANSFORMER



R3557, R3596



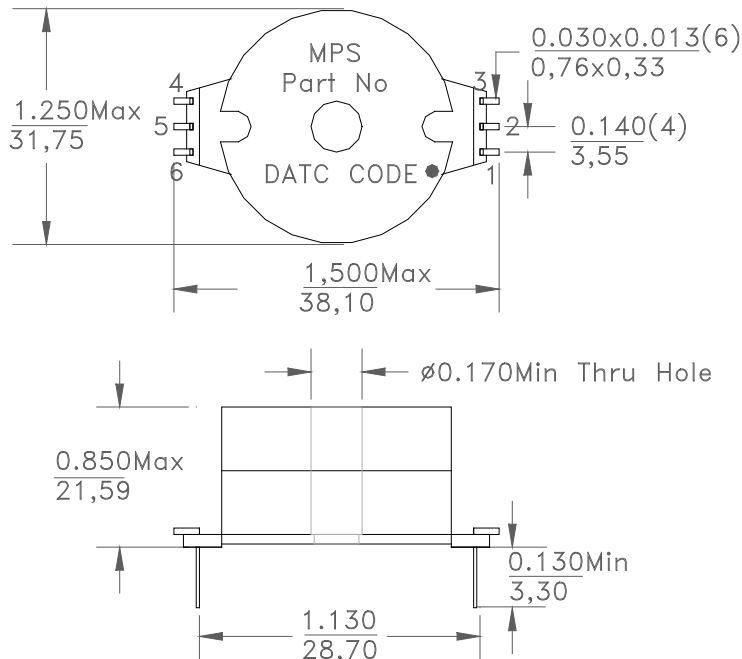
- Video hum elimination and ground isolation for CCTV applications
- Operating temperature range: 0°C to +70°C
- Hipot: 250V_{DC}, 1KM Ω , (Pri to Sec)
- RoHS compliant product
- Custom design available upon request

ELECTRICAL SPECIFICATION @ 25°C

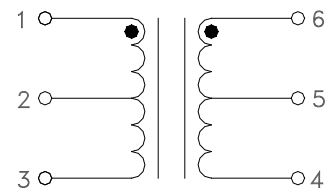
Part Number	Impedance Ratio 1-3:6-4 $\pm 5\%$	Bandwidth MHz	Insertion Loss @100KHz dB Max	Inductance (mH) Min (1-3)	DCR (Ω) Max (1-3)
R3557	75 Ω : 75 Ω	20Hz-8MHz	0.50	900	6.0
R3596	75 Ω : 100 Ω	25Hz-8MHz	0.50	650	6.0

- Polarity: 1 and 6 are in phase

MECHANICAL



SCHEMATIC



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

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

13200 Estrella Ave., Bldg. B
Gardena, CA 90248

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

www.mpsind.com
sales@mpsind.com

VIDEO ISOLATION TRANSFORMER



R3557



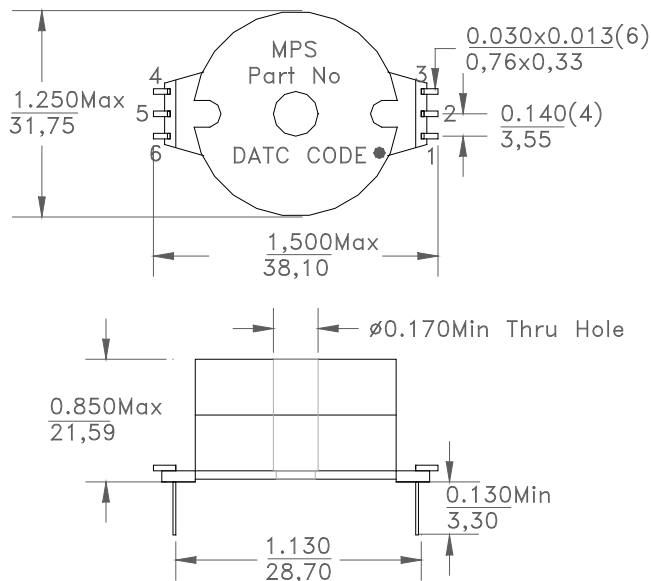
- Video hum elimination and ground isolation for CCTV applications
- Operating temperature range: 0°C to +70°C
- Hipot: 500V_{DC}
- RoHS compliant product
- Custom design available upon request

ELECTRICAL SPECIFICATION @ 25°C

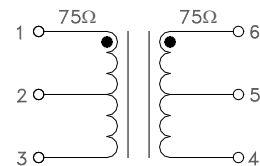
Part Number	Impedance Ratio 1-3:6-4 ±5%	Bandwidth MHz	Insertion Loss @100KHz dB Max	Inductance (mH) Min (1-3/6-4)	DCR (Ω) Max (1-3/6-4)
R3557	75Ω : 75Ω	25Hz - 8MHz		900	6.0

- Inductance measured @ 1KHz, 0.1V_{RMS}

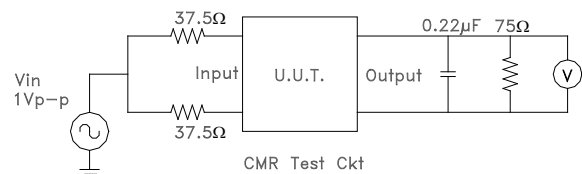
DIMENSIONS



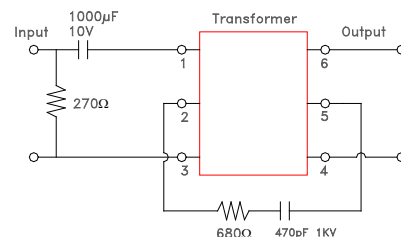
SCHEMATIC



CMR TEST CIRCUIT



SUGGESTED CIRCUITRY



Dimensions

Unless otherwise specified, all tolerances are:
 inch: .XX : ±0.010 .XXX : ±0.005
 mm: X,X : ±0.254 X,XX : ±0.13

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