

Excellent Integrated System Limited

Stocking Distributor

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[750510572](#)

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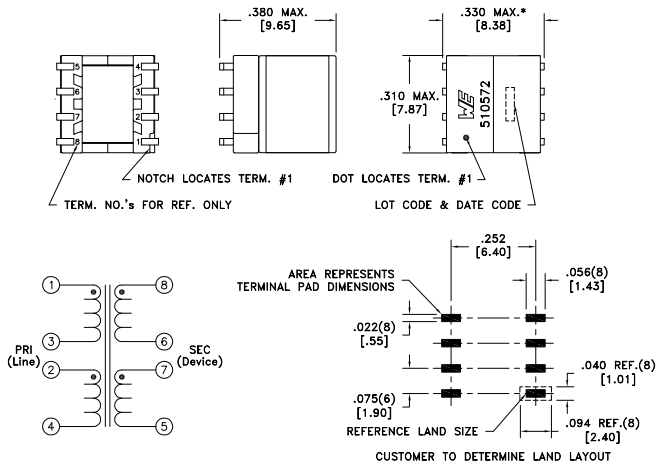
sales@integrated-circuit.com

CUSTOMER	TERMINAL	RoHS	LEAD(Pb)-FREE
Sn96%, Ag4%	Yes	Yes	Yes

ORDER FROM YOUR SUPPLIER



* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	1-4 tie(2+3), @20°C	1.00 ohms max.
D.C. RESISTANCE	8-5 tie(6+7), @20°C	1.00 ohms max.
INDUCTANCE	1-4 tie(2+3), 10kHz, 100mVAC, Is	430uH ±10%
LEAKAGE INDUCTANCE	1-4 tie(2+3, 5+6+7+8), 100kHz, 100mVAC, Is	800nH max.
DISTRIBUTED CAPACITANCE	8-5 tie(1+4, 2+3, 6+7), 10k-100MHz, 100mVAC, Cs	8pF max.
INTERWINDING CAPACITANCE	1-8 tie(2+3, 6+7), 100kHz, 100mVAC, Cs	40pF max.
DIELECTRIC	1-8 tie(2+3, 6+7), 1850VAC, 1 second	1500VAC, 1 minute
URNS RATIO	(1-3):(2-4)	1:1, ±1%
URNS RATIO	(1-3):(6-8)	1.4:1, ±1%
URNS RATIO	(1-3):(7-5)	1.4:1, ±1%
TOTAL HARMONIC DISTORTION	30kHz, Vin of 3Vrms, 51 ohm load, 100 ohm input, tie(2+3, 6+7)	-70dB max.
LONGITUDINAL BALANCE ¹	30k - 12Mhz	47dB min.
	17Mhz	44dB min.
	30Mhz	30dB min.

¹Per ITU Method (L->M)

GENERAL SPECIFICATIONS:

OPERATING TEMPERATURE RANGE: -40°C to +85°C.

Designed to comply with the following requirements as defined by IEC60950-1, EN60950-1, UL60950-1/CSA60950-1 and AS/NZS60950.1:

- Functional insulation for a primary circuit at a working voltage of 250Vrms.

Wire insulation & RoHS status not affected by wire color.
 Wire insulation color may vary depending on availability.

DETAILS SUBJECT TO CHANGE

REV.	DATE	Packaging Specifications	CONVENTION PLACEMENT	Tolerances unless otherwise specified: Angles: ±1° Fractions: ±1/64 Decimals: ±.005 [.13] Footprint: ±.005 [.13]	DRAWING TITLE	PART NO.
		Method: Tape & Reel PKG-0981 www.we-online.com/midcom			TRANSFORMER	750510572
6A	4/14	SEE REVISION SHEET FOR REVISION LEVEL		This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	eiSos p/n: 750510572	SPECIFICATION SHEET 1 OF 1

