

Excellent Integrated System Limited

Stocking Distributor

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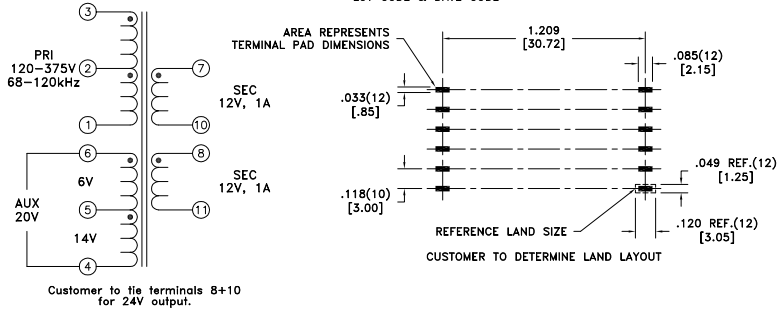
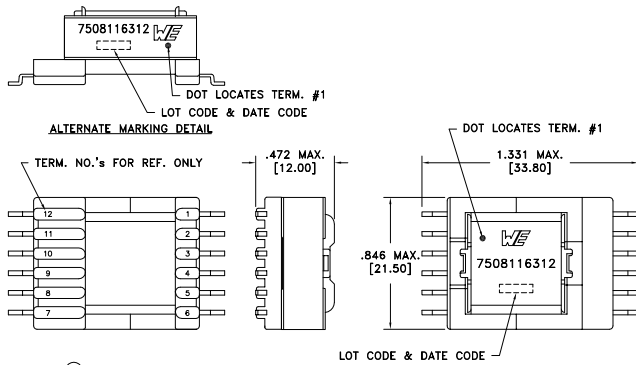
[Würth Electronics Midcom](#)
[7508116312](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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

more than you expect



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	1-3 @20°C	1.240 ohms ±10%
D.C. RESISTANCE	4-5 @20°C	0.160 ohms ±10%
D.C. RESISTANCE	5-6 @20°C	0.075 ohms ±10%
D.C. RESISTANCE	7-10 @20°C	0.046 ohms ±20%
D.C. RESISTANCE	8-11 @20°C	0.046 ohms ±20%
INDUCTANCE	1-3 10kHz, 100mVAC, Ls	800uH ±10%
SATURATION CURRENT	20% rolloff from initial	1.4A
LEAKAGE INDUCTANCE	1-3 tie(4+5+6, 8+10+11), 100kHz, 100mVAC, Ls	12uH typ., 18uH max.
DIELECTRIC	1-11 tie(3+4, 7+8), 4500VAC, 1 second	4500VAC, 1 minute
DIELECTRIC	1-6 625VAC, 1 second	500VAC, 1 minute
URNS RATIO	(2-1):(3-2)	1:1, ±1%
URNS RATIO	(3-1):(7-10)	11.11:1, ±1%
URNS RATIO	(3-1):(8-11)	11.11:1, ±1%
URNS RATIO	(3-1):(6-5)	20:1, ±1%
URNS RATIO	(3-1):(5-4)	9.090:1, ±1%

GENERAL SPECIFICATIONS:

OPERATING TEMPERATURE RANGE: -40°C to +125°C including temp rise.

Designed to comply with the following requirements as defined by IEC61558-2-16:
- Reinforced insulation for a primary circuit at a working voltage of 400VDC.

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

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-0927 www.we-online.com/midcom			TRANSFORMER	7508116312
6A	6/13	SEE REVISION SHEET FOR REVISION LEVEL		This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	eiSos p/n: 7508116312	SPECIFICATION SHEET 1 OF 1

