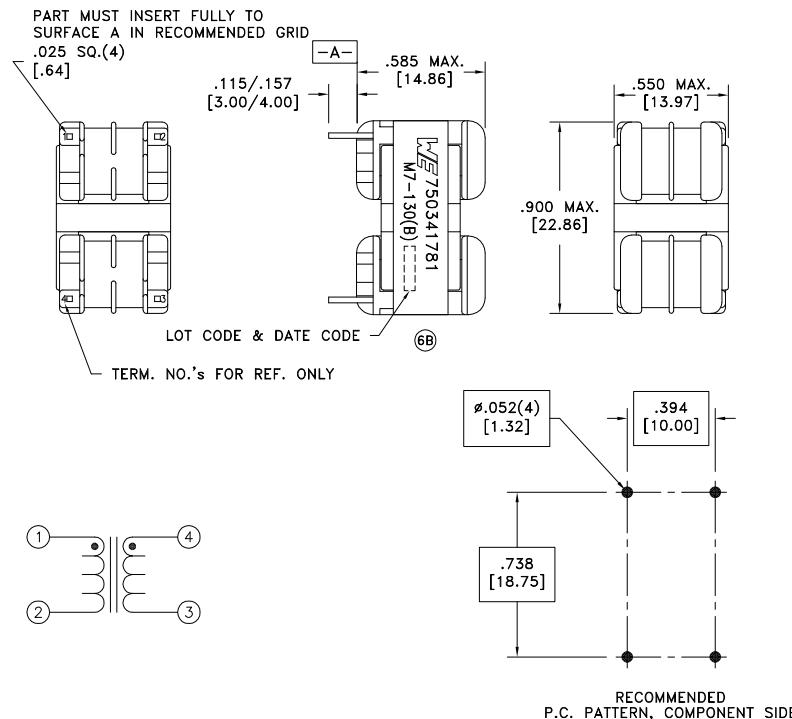


CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
Sn96%, Ag4%	Yes	Yes

more than you expect



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	1-2 @20°C	3.03 ohms ±10%
D.C. RESISTANCE	4-3 @20°C	3.03 ohms ±10%
INDUCTANCE	1-2 10kHz, 50mVAC, Ls	70.0 +60%/-30%mH
INDUCTANCE	4-3 10kHz, 50mVAC, Ls	70.0 +60%/-30%mH
SATURATION CURRENT	1-4 tie(2+3), roll off 20% from initial	1.0A
LEAKAGE INDUCTANCE	1-4 tie(2+3), 10kHz, 50mVAC, Ls	2.0mH min.
DIELECTRIC	1-4 2514VAC, 1 second	2011VAC, 1 minute
DIELECTRIC	1-CORE tie(1+4), 1875VAC, 1 second	1500VAC, 1 minute
TRANS RATIO	(1-2):(4-3)	1:1, ±2%

GENERAL SPECIFICATIONS:

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

Designed to meet UL Recognized Insulation System M7-130(B), E106391.

⑥C Current Rating: 0.38A

⑥C Designed to comply with UL 1993 for 347VACrms or VDC.

⑥C Designed to comply with UL 840 for 347VACrms or VDC for Overvoltage Category II and Pollution Degree II.

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

REV.	DATE	Packaging Specifications	CONVENTION PLACEMENT
6C	11/15	Method: Tray PKG-0822 www.we-online.com/midcom	
6B	12/14		
6A	5/13	SEE REVISION SHEET FOR REVISION LEVEL	

Tolerances unless otherwise specified:
Angles: ±1° Decimals: ±.005 [.13]
Fractions: ±1/64 Footprint: ±.001 [.03]
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

DRAWING TITLE

CMC

eiSos p/n: 750341781

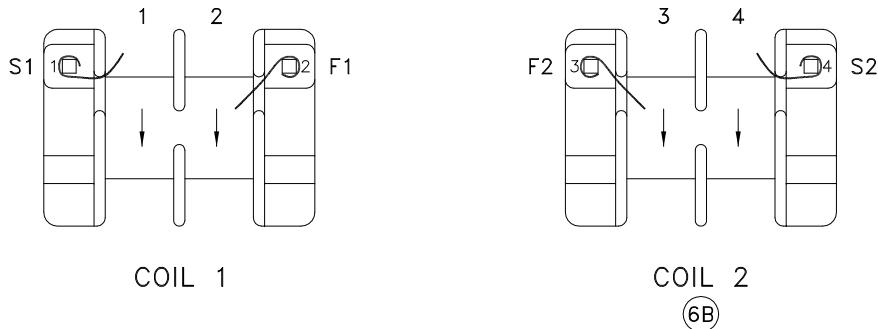
PART NO.

750341781



SPECIFICATION SHEET 1 OF 2

INFORMATION SHEET



WINDING INFORMATION			
ITEM	COIL 1	COIL 2	
WINDING SEQUENCE	1	2	
WIRE WIND DIRECTION	CCW	CCW	
WINDING STYLE	PRECISION	PRECISION	
WIRE TYPE	32H	32H	
URNS (+/-)	167	167	
BOBBIN SECTION	1&2	3&4	
LAYERS	—	—	
WINDING WIDTH (mm)	3.12x2	3.12x2	
INSULATION TAPE (LAYERS)	—	—	
D.C. RESISTANCE (OHMS @25°C)	3.329 max.	3.329 max.	
Q (MIN.)	—	—	
VuSEC (MAX.) @100°C	—	—	
Vpeak, COIL*	—	—	
Isat (MIN.) @100°C**	—	—	

*Please refer to Guidelines for the Usage of Components, Document No 171HM0002-1.

**DC bias applied to cause 20% drop from initial inductance.

BILL OF MATERIAL			
PART	DESCRIPTION	SUPPLIER	UL FILE NUMBER
BOBBIN	EE16.5, TH NYLON 70G33L	PIN SHINE INDUSTRIAL	E41938(M)
WIRE	32 AWG HEAVY POLY, 155°C MW80C	ELEKTRISOLA	E143312 E63382
TAPE	#1351-1	3M	E17385
CORE	EE16.5-1 FERRITE (.64mm Ref. GAP) BSAT, MIN. @100°C = 300mT (Ae MIN. = 35.94mm ²)	ACME, A05 TDG, TL5	—

MECHANICAL	
PART	DESCRIPTION
PACKAGING	TRAY QTY: 63, BOX QTY: 441
WEIGHT	10.68g/piece
TERMINAL SIZE	0.025" ±.005 [0.64mm ±.127] sq. MIN. DRILL HOLE DIAMETER 1.32mm
PULL FORCE	2.0kg min.
COPLANARITY	n/a (thru hole device)

STORAGE TEMPERATURE RANGE: -40°C to +125°C.

WURTH ELECTRONICS
MIDCOM INC.

PART NO.	REV.
750341781	6C
SPECIFICATION SHEET 2 OF 2	

PART # 750341781

Mouser Electronics

Authorized Distributor

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