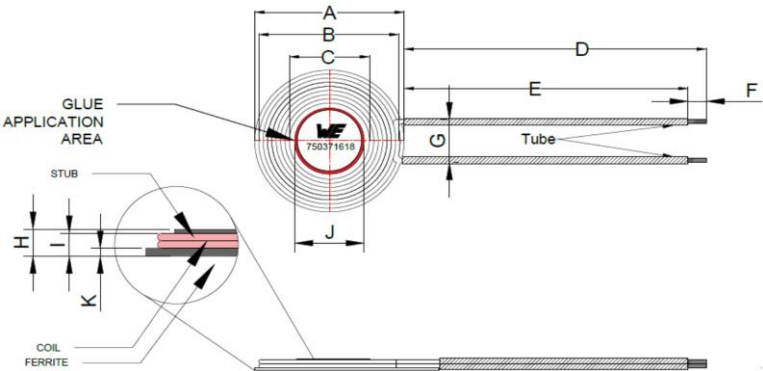


Dimensions: [mm]



A	B	C	D
20.00 ± 0.35	18.50 Ref	11.00 ± 1.00	33.00 ± 3.00
E	F	G	H
30.50 Ref	2.50 ± 0.50	5.00 Max.	2.20 ± 0.15
I	J	K	
2.00 ± 0.10	9.00 ± 0.35	0.80 ± 0.10	

Recommended Land Pattern: [mm]

Schematic:



Electrical Properties:

Properties		Test Conditions	Value	Unit	Tol.
Inductance	L	125kHz / 100mV	6.8	μH	±10%
Q-Factor	Q	125kHz / 100mV	42		typ.
Saturation Current	I _{SAT}	10% rolloff from initial	6.00	A	min.
Rated Current	I _R	ΔT = 40 K	2.50	A	max.
DC Resistance	R _{DC}	@ 25°C	130	mΩ	max.
Self Resonant Frequency	f _{res}		20	MHz	ref.

Certifications:

RoHS Approval	Compliant [2011/65/EU&2015/863]
REACH Approval	Conform or delcared [(EC)1907/2006]
Halogen Free	Conform [JDEC JS709B]
Halogen Free	Conform [IEC 61249-2-21]

General Information:

Operating Temperature	-20°C up to +105°C
Storage Conditions (in original packaging)	< 40°C; < 75% RH
Moisture Sensitivity Level (MSL)	1
Test conditions of Electrical Properties +20°C, 33% RH if not specified differently	



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CHECKED JLV	REVISION 03	DATE (YYYY-MM-DD) 2024-11-01	GENERAL TOLERANCE DIN ISO 2768-1m	
DESCRIPTION WE-WPCC Wireless Power Transfer Transmitter Coil				ORDER CODE 750371618
Business Unit Würth Electronics Midcom, Inc.				Status RELEASED
				PAGE 1/1