

DATENBLATT / DATA SHEET

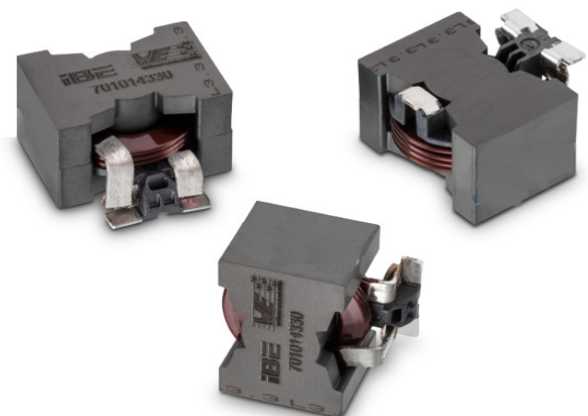
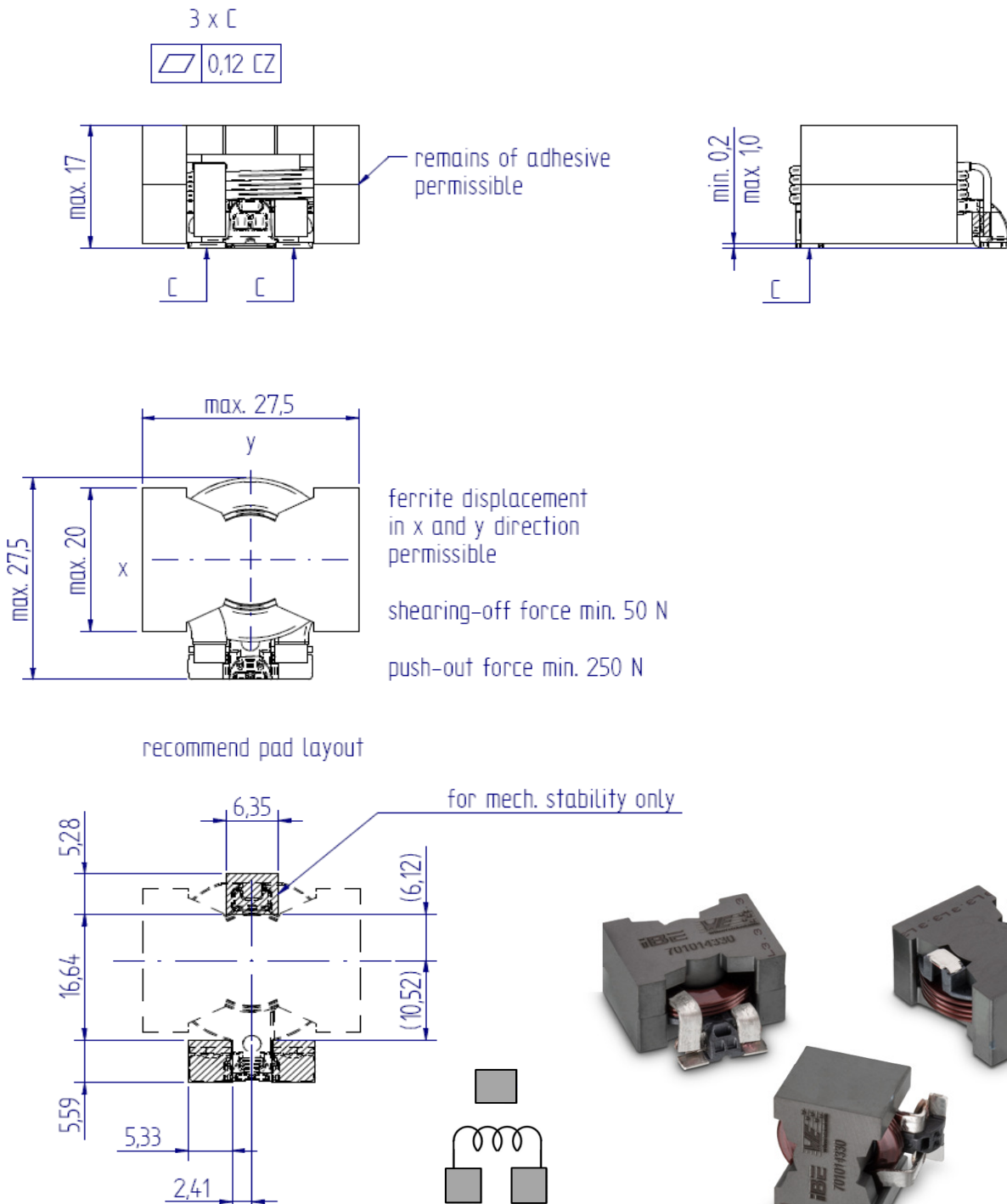


Bezeichnung: <i>description:</i>	WE-FLAT-I®		Page:	1 / 3
Kunden Zg. Nr.: <i>customer drawing no.:</i>	N/A	WE iBE Bauteile-Nr.: <i>WE iBE component no.:</i>	701 014 101	
DRW Referenz-Nr.: <i>DRW reference no.:</i>	N/A	Ausgabedatum: <i>release date:</i>	11.04.2017	

Product values:



Mechanical Dimensions (in mm):



- Zeichnung nicht maßstabsgetreu, alle Maße in mm / Drawing not scaled, all dimensions in mm
 - Das abgebildete Produktfoto kann von der gewählten Produktvariante abweichen / The pictured product may not correspond to the selected product configuration

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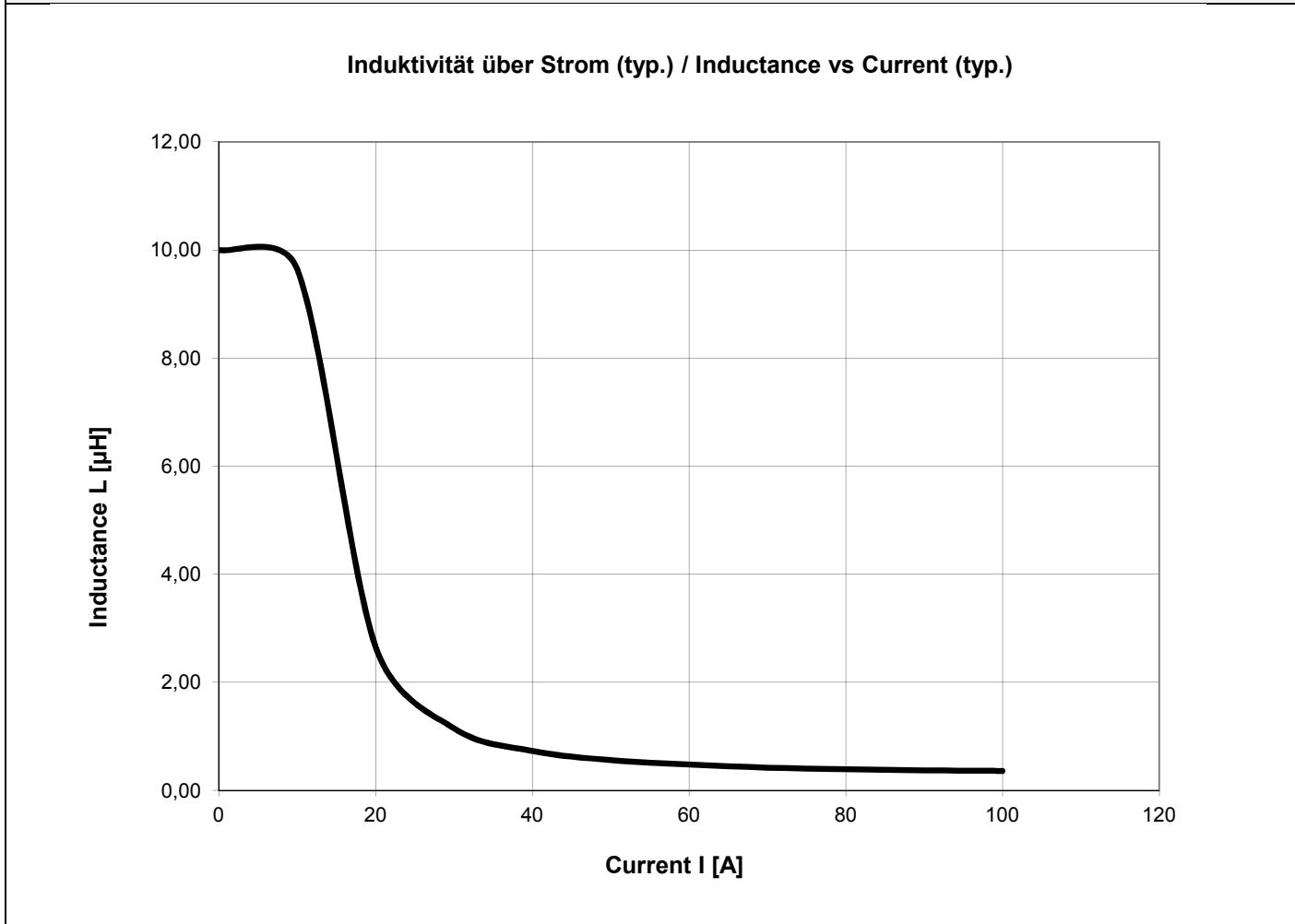


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Electrical Specification:					
Parameter	@	Value	Tolerance	Unit	Test Condition
Induktivität L_0 : <i>Inductance L_0:</i>	20°C	10,0	±15%	µH	100 kHz / 500 mV
DC-Widerstand R_{DC} : <i>DC resistance R_{DC}:</i>	20°C	1,1	±10%	mΩ	
I_R		35	max.	A	40 K self heating
I_{sat}		10	typical	A	$ \Delta L/L < 10\%$
Betriebstemperatur: <i>Operating temperature:</i>		-40 to +150°C		°C	including self heating

Spule: <i>Coil:</i>	according to DIN EN 60317-29
Lötpad: <i>Solder pad:</i>	Surface finish material: 100% Sn, no Ni layer
Kern: <i>Core:</i>	PQ26/16 - Ferrite Material: MnZn
Klebung: <i>Glueing:</i>	coil and spacer securely fixed to core
Product remarks & Applicable documents	Solvents may influence the product marking Cutting area untinned Three-points fixation on PCB ISM0100010 (General storage conditions) ISM0100011 (General processing recommendations) IS60100017 (Failure catalog WE-PQ cores)

Inductance vs. Current (typical):

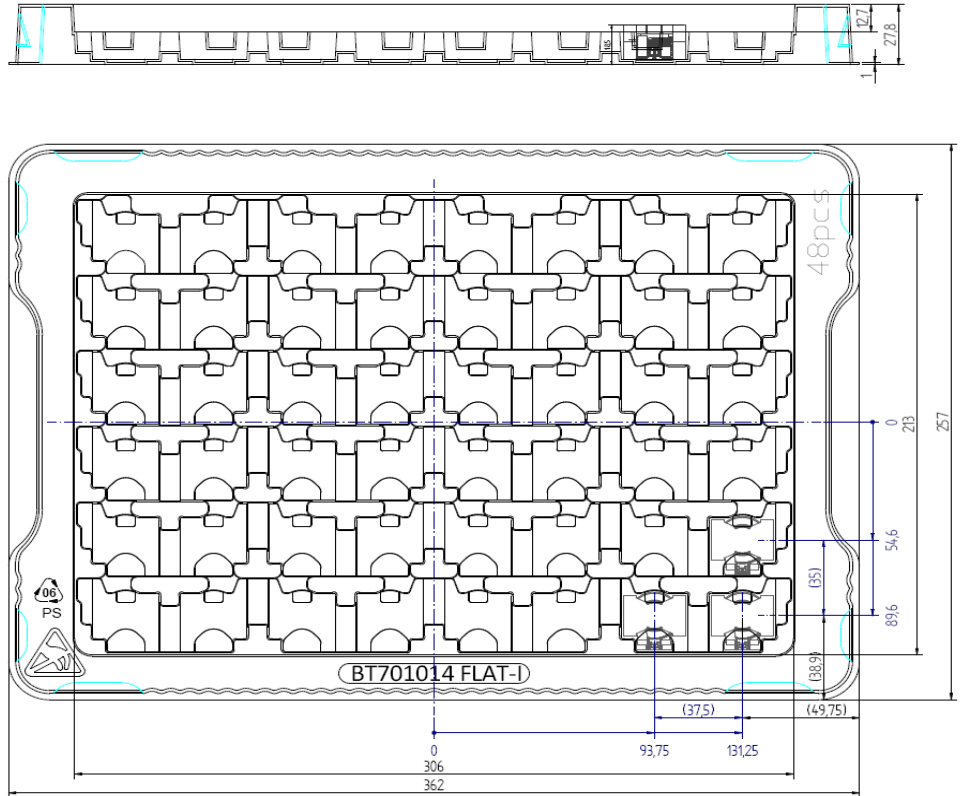


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Packaging specification:



packaging unit:

48 pieces per tray (BT701014 FLAT-I)
5 trays per cardboard box (4 filled + 1 empty)
192 pieces per cardboard box

loading unit:

Europallet 1200 x 800 x 160 mm
40 cardboard boxes per pallet
7680 pieces per pallet



Customer: XXXXX
Part No.: XXXX
Quantity: XXXX
Date Code: YYYYMMDD
Exp. Date: YYYYMMDD
Man. Part No.: 701014XXX
Part Name: WE-FLAT-I® Fat Wire Power Inductor SMD PartSize
Purchase: XXXXX
Ordering Code: 701014XXX
Supplier Name: Würth Elektronik iBE
Shipping Note: XXXXXXXX
Index:
Customer Name: XXXXX
Supplier-ID: XXXX
Package-ID: SXXXXXXX011
1. Batch: XXXXXXXX
2. Batch: XXXXXXXX
Man-Loc.: CZE-BUDWEIS
Suppl Data: XXXX
MSL: 1



The component has not been developed and is not intended for safety-relevant applications. A use in safety-relevant applications requires a separate written approval by Würth Elektronik iBE GmbH

Do not use the product beyond the nominal rated current as this may create excessive heat and will void the warranty

Components free from grease, oil, silicone, stamping agents or hand creme

Components have to comply RoHS and REACH

Support of IMDS data base

Customer:
General release:

Date

Signature