



Sample Kit

# SMD Common-mode Chokes

Series B82721S0



[www.tdk-electronics.tdk.com](http://www.tdk-electronics.tdk.com)

B82721X2

## SMD Common-mode Chokes – Series B82721S0

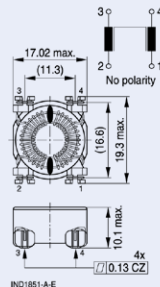
$I_R$	A	2.7	2.8	3.2	3.2	5.6	5.7	5.7
$L_N$	mH	3.000	1.470	1.320	0.220	0.768	1.180	0.590
$L_{\text{stray, typ}}$	$\mu\text{H}$	12	11	11	10	5	5	5
$R_{\text{typ}}$	$\text{m}\Omega$	65	59	50	49	18	17	17
$T_R$	$^{\circ}\text{C}$	+40	+40	+40	+40	+40	+40	+40
<b>Version</b>		2	1	1	1	1	1	1
<b>Ordering code</b>	B82721S0	272T040	282A030	322A020	322A010	562A030	572A040	572A020

### Features

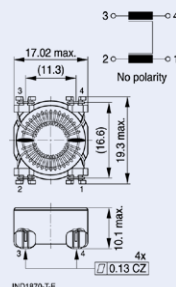
- All values measured at +20 °C
- Approx. 0.8 ... 0.9% stray inductance for differential-mode interference suppression (B82721S0322A010: 4.6%)
- Suitable for reflow soldering
- RoHS-compatible
- Storage conditions (packaged):  
-25 °C to +40 °C,  $\leq 75\%$  RH
- Tape and reel packing:  
32 mm blister tape, 330 mm reel
- Packing unit: 200 pcs/reel

### Dimensional drawing and pin configuration

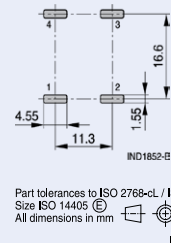
Version 1



Version 2



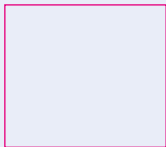
Layout recommendation  
(top view)



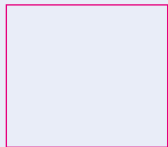
Part tolerances to ISO 2768-cL / ISO 8015.  
Size ISO 14405 (E)  
All dimensions in mm

**Important information:** It is incumbent on the customer to check and decide whether a product is suitable for use in a particular application. Our products are described in detail in our data sheets. Our *Important notes* and the product-specific *Cautions and warnings* must be observed. All relevant information is available through our sales offices.

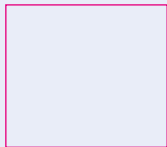
2.7 A



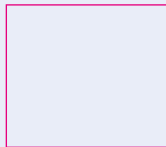
2.8 A



3.2 A



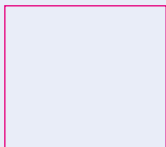
3.2 A



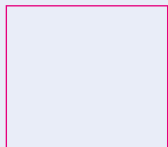
5.6 A



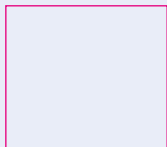
2.7 A



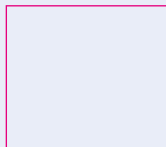
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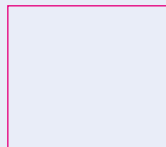
3.2 A



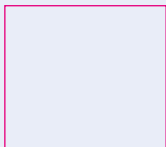
3.2 A



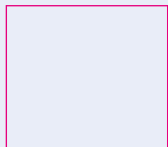
5.6 A



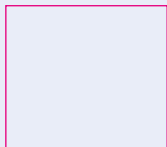
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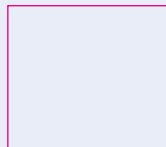
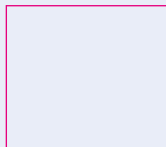
5.7 A



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